PRODUCTS CATALOGUE 2024

EUROTSA

We regenerate the planet one field at a time

OUR STORY

A 20-year history.
Made up of innovation, research, reliability and quality.

2000
EUROPHYTO TSA
EUROPHYTO TSA is born and the venture into the domestic market of liquid fertilizers and plant protection products begins.

2007
EST EUROPE
EUROPHYTO TSA begins to develop the Eastern European market.

2008
MICROSEED
The first microgranular fertilizer is born.

2010
THE MICROSEED LINE GROWS
MICROSEED Zn SUPER, MICROSEED SPECIAL BORON and MICROSEED BIO are born.

2012
EURO TSA DREAM BEGINS
EUROPHYTO TSA is transformed into EURO TSA, an Italian company that markets fertilizers, plant protection products and adjuvants worldwide.

2013
MICROSED GEO
EURO TSA obtains MICROSED GEO product registration.

2015
EURO TSA INVESTS IN R&D
The company invests in research and development with the best assay centers and universities for the development of Biostimulants and new plant protection products.

2016
MICROSEED WR and NATURAL FORCE
MICROSEED WR, the patented microgranule that can fight drought. NATURAL FORCE, the first 100% plant-derived formulation.

2017
MICROSEED AIR 02 e ARGENTINA
MICROSEED AIR 02, nasce il microgranulo in grano di sconfiggere l'asfissia e l'anossia radicale. Nello stesso anno l'azienda apre una filiale in Argentina.

2018
CLEANCLASTER
CLEANCLASTER is born: unique adjuvant for glyphosate-based herbicides and other post-emergence herbicides.

2019
MICROSED GEO IN ROMANIA
Obtaining MICROSED GEO authorization based on Tefluthrin and Fertilizer in Romania.

2020
BRIONFLO 100 SC
Obtaining BRIONFLO 100 SC authorization based on Cyazofamide.

2021
MICROSED GEO IN EST EUROPA
MICROSED GEO expands into Eastern Europe (Hungary and Bulgaria).

2022
ACTICLASTER
Acticlaster clearance obtained based on K-phosphonate.

2023
NF MICRO
The new NF MICRO line is launched.

Euro TSA was established in July 2000 by combining industrial manufacturing capabilities with market knowledge of technical means for agriculture. We are a company that, in addition to supplying products, provides services to farmers and distributors, thus to the entire supply chain.

Euro Tsa's Mission has always been to put technology at the service of agriculture to develop products that ensure not only environmental sustainability, but also socio-economic sustainability, to improve the quality of life of agricultural producers and the profitability of all those in the supply chain.

Massimiliano Negra

CEO Euro TSA

“I am Marco, a 70 year old farmer and I have been dealing with Euro TSA since its inception, more than 20 years now. Euro Tsa has always given me a special service, certainly due to the fact that it is a family business and although the company has reached national and international levels, over the years it has maintained that personal relationship that is very important to me. Thanks to Euro TSA, I started using liquid fertilizers when they were not at all widespread yet, and it was an opportunity for me to implement a more rational and technological fertilization service. Undoubtedly, this is a solid company, with technicians with remarkable training, who have always given me support to find a solution together, and in addition, they have always guaranteed me an excellent logistical service, promptness of intervention and timely delivery of products.”

Marco Vegezzi
AZIENDA AGRICOLA MARCO VEGEZZI
Euro TSA customer since 2000

We take care of the land because we believe in agricultural productivity

GUARANTEED PRODUCTION

We produce special fertilizers, mineral fertilizers, adjuvants and plant protection products in our plants.

CONTINUOUS, LONG-TERM AND SUSTAINABLE SUPPORT

We support farmers and distributors in choosing the best agronomic practice.

SOCIAL RESPONSIBILITY

The guaranteed quality of our products safeguards consumers.

Product quality, proper distribution of formulations, consumer protection and protection of the agricultural ecosystem are the guiding values that have enabled EURO TSA to lay its foundation for the development of innovative formulations.

RESEARCH AND DEVELOPMENT

We invest in research and development with certified Assay Centers and Research Centers.

CERTIFIED QUALITY

We adopt official and certified testing protocols and state-of-the-art instrumentation.

ENVIRONMENTAL SUSTAINABILITY

Our products are highly environmentally sustainable because they are the result of years of research.

OUR PRODUCT PORTFOLIO

FERTILIZERS

For high-level nutrition of your crops

PHYTOSANITARY PRODUCTS

For better protection of your crops

ADJUVANT

To increase the effectiveness of your products

EUROTSA

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In the upper part of the technical lines, the products permitted in organic farming have been reported by means of a green box. In the lower part, the products permitted in integrated agriculture have been shown in a red box. The products allowed in organic farming can also be used in integrated farming.

STARTERS

Very high nutrient efficiency fertilizers capable of generating a rapid starter effect.

AZOFOS NP 16.6 DCD

STARTER

DESCRIPTION

AZOFOS NP 16.6 DCD is a binary liquid fertilizer based on ammonium polyphosphate with the addition of the inhibitor Diciandiamide that is characterized by a high fertilizing efficiency due to the synergistic effect established between the nitrate, ammonia, urea and phosphorus component that allows it to be used in any type of soil and condition. Phosphorus induces more intense root activity in plants allowing vigorous development of the root system.
AZOFOS NP 16.6 DCD manifests a marked starter effect toward crops.

WARNINGS AND COMPATIBILITY

Store at a temperature between 4°C and 25°C. Use only when there is a recognized need. Do not exceed appropriate doses. The product is stable at ordinary temperatures and pressures. Avoid mixing with products with alkaline reaction. Check compatibility from time to time. In view of the large number of varieties and species, as well as different environmental conditions, should the product be mixed with other formulations (especially those containing solvents), it is always advisable to carry out preliminary use assays.

COMPOUND MINERAL FERTILIZER
FLUID NP FERTILIZER
FERTILIZER SOLUTION NP 16.6
CONTAINING DICYANDIAMIDE
N. Reg. 0039078/23

COMPOSITION

16 %	Total nitrogen (N) of which. 3.6% Nitric nitrogen (N) 7.1% Urea nitrogen (N) 5.3% Ammonia nitrogen (N)
6 %	Phosphoric anhydride (P_2O_5) water-soluble
0,24 %	Diciandiamide (DCD)

CHARACTERISTICS

Appearance
Colorless to transparent straw yellowe

Density at 20 °C
1.20 to 1.25 kg/lt approx.

Freezing point
-5°C

pH (20°C)
6-7

SOIL APPLICATION	DOSE L/HA	PERIOD
Corn, Sorghum	100 - 300	Pre-sowing
Rice	100 - 300	Pre-sowing
Wheat, Straw cereals	100 - 300	Pre-sowing
Rapeseed, Sunflower	100 - 300	Pre-sowing

1000 L 30 T

AZOFOS SPECIAL 24-10 DCD STARTER

DESCRIPTION

AZOFOS SPECIAL 24-10 DCD is a binary liquid fertilizer based on ammonium polyphosphate with the addition of the inhibitor Dicyandiamide which is characterized by a high fertilizing efficiency due to the synergistic effect established between the nitric, ammoniacal, urea and the phosphoric component which allows it to be used in any type of terrain and condition. Phosphorus induces a more intense radical activity of the plants allowing a vigorous development of the root system. AZOFOS SPECIAL 24-10 DCD shows a marked starter effect on crops.

WARNINGS AND COMPATIBILITY

Store at temperatures between 4°C and 25°C. To be used only in case of recognized need. Do not exceed the appropriate doses. The product is stable at ordinary temperatures and pressures.
Avoid mixing with alkaline reaction products. Check compatibility from time to time. Considering the large number of varieties and species, as well as the different environmental conditions, if the product has to be mixed with other formulations (above all containing solvents) it is always advisable to carry out preliminary use tests.

Mineral fluid fertilizer
Compound mineral fluid fertilizer
Fertilizer solution NP 24.10 with the addition of dicyandiamide
N. Reg. 0039079/23

COMPOSITION

24 %	Total nitrogen (N) of which. 5.3% Nitric nitrogen (N) 8.2% Ammonia nitrogen (N) 10.5% Urea nitrogen (N)
10 %	Phosphoric anhydride (P_2O_5) water-soluble
0,35 %	Diciandiamide (DCD)

CHARACTERISTICS

Appearance
Light blue liquid

Freezing Point
-7°C

Density at 20 °C
1,27 - 1,33 Kg/Lt

pH (20°C)
6-7

SOIL APPLICATION	DOSE L/HA	PERIOD
Corn, Sorghum	100 - 300	Pre-sowing
Rice	100 - 300	Pre-sowing
	100 - 150	In preparation *
Wheat, Straw cereals	100 - 300	Pre-sowing
	100 - 150	In preparation *
Rapeseed, Sunflower	100 - 300	Pre-sowing

* it is recommended to use 7-hole nozzles

1000 L 30 T

FERTIFOS 10-34

STARTER

CONTENUTO

10 %	Total nitrogen (N) of which. 10% Ammonia nitrogen (N)
34 %	Total Phosphorus Dioxide (P_2O_5) 34% phosphoric anhydride (P_2O_5) water-soluble

PFC 1(C)(I)(b)(ii)
COMPOUND LIQUID INORGANIC FERTILIZER
BASED ON MACROELEMENTS
NP 10-34 fertilizer in solution.

CHARACTERISTICS

Appearance
Green-colored solution

Density at 20 °C
1,40 Kg/Lt

pH (20°C)
5,5-7

SOIL APPLICATION	DOSE KG/HA	PERIOD
Corn, Sorghum	50 - 60	At localized sowing
Wheat, Straw cereals	50 - 60	At localized sowing
Sugar beet	50 - 60	At localized sowing
Canola, Sunflower	50 - 60	At localized sowing
Tomato	50 - 60	At localized sowing
Vegetable crops open field	50 - 60	To transplanting localized
Potato	50 - 60	To transplanting localized
Tobacco	50 - 60	To transplanting localized
Greenhouse horticultural crops	50 - 60	To localized transplanting in fertigation
Ornamentals and nurseries	40 - 80 g/plant	At planting in fertigation

CE

30 KG 1000 L 30 T

FOSFODRIP STARTER

STARTER

DESCRIPTION

FOSFODRIP STARTER is a phospho-nitrogen fertilizer in which the ammonium polyphosphate component is suitably stabilized to allow use even in the presence of calcareous soils, hard water and with sophisticated fertigation systems. Due to the presence of the polyphosphate ion, it manifests a marked "starter" effect and greater mobility in the soil compared to other phosphoric forms. It is recommended to use it as a fertirrigant in the initial stages of the crop cycle or as it is in localization in the sowing/transplanting of crops in open fields or in greenhouses.

WARNINGS AND COMPATIBILITY

For fertigation applications, it is recommended to distribute at least 5 mc of water per 10,000 m2. It is advisable not to exceed the concentration of 2% or in the presence of hard water.

PFC 1(C)(I)(b)(ii)

LIQUID INORGANIC COMPOUND FERTILIZER

BASED ON MACROELEMENTS
NP fertilizer with trace element, 5-30 in solution

COMPOSITION

5 %	Total Nitrogen (N) 2.5% Nitrate nitrogen (N) 2.5% Ammonia nitrogen (N)
30 %	Total Phosphorus Dioxide (P_2O_5) 30% phosphoric anhydride (P_2O_5) water-soluble
0,2 %	Total zinc (Zn), in the sulfate form

CHARACTERISTICS

Appearance
Clear green liquid

Density at 20 °C
1.35 to 1.37 kg/Lt approx.

pH (20°C)
< 1

SOIL APPLICATION	DOSE KG/HA	PERIOD
Corn, Sorghum	50 - 60	At localized sowing
Wheat, Straw cereals	50 - 60	At localized sowing
Sugar beet	50 - 60	At localized sowing
Rapeseed, Sunflower	50 - 60	At localized sowing
Tomato	50 - 60	At localized sowing/transplanti
Open field vegetables	50 - 60	At localized sowing/transplanti
Tobacco	50 - 60	At localized sowing
Greenhouse vegetables	50 - 60	At localized sowing

30 KG 1000 L 30 T

CE

FOSFONITRIC ACID

STARTER

DESCRIPTION

FOSFONITRIC ACID is a compound fluid mineral fertilizer with a high concentration of P2O5 combined with nitrogen in nitric form readily available for all herbaceous and tree crops.
FOSFONITRIC ACID, thanks to its strongly acidic pH, it is ideal for fertigation applications to satisfy the phosphorus needs of the crops and to favor the development of the root systems and a quick start of the crop, since the phosphorus having a plastic action favors the formation of the plant.

WARNINGS AND COMPATIBILITY

Mixtures with other fertilizers must be done with diluted solutions.

ADDITIONAL INFORMATION

Store in a cool and ventilated place, away from direct sunlight and away from potential heat sources. Avoid heating containers, welding or hot work on equipment or systems that may have contained the product.
Wear gloves/protective clothing/eye protection/face protection.

PFC 1(C)(I)(b)(ii)
LIQUID INORGANIC COMPOUND FERTILIZER
BASED ON MACROELEMENTS
NP Fertilizer 3-40 in solution

COMPOSITION

3 %	Total nitrogen (N) 3% Nitric (N) nitrogen
40 %	Total Phosphoric Anhydride (P_2O_5) 40% Phosphorus Pentoxide (P_2O_5) water soluble

CHARACTERISTICS

Appearance
Clear green liquid

Density at 20 °C
1,54 – 1,56 Kg/Lt

pH (20°C)
< 1

The acquisition, introduction, possession and use of this product by private individuals are subject to restrictions pursuant to Regulation (EU) 2019/1148. All suspicious transactions and significant disappearances and thefts must be reported to the relevant national contact point.

SOIL APPLICATION	DOSE KG/HA	PERIOD
Corn, Sorghum	50 - 60	At localized sowing
Wheat, Straw cereals	50 - 60	At localized sowing
Sugar beet	50 - 60	At localized sowing
Rapeseed, Sunflower	50 - 60	At localized sowing
Tomato	50 - 60	At localized sowing/transplanting, apply by fertigation
Open field vegetables	50 - 60	At localized sowing/transplanting, apply by fertigation
Tobacco	50 - 60	At localized sowing/transplanting, apply by fertigation
Greenhouse vegetables	50 - 60	At localized sowing/transplanting, apply by fertigation

CE

30 KG 1000 L 30 T

GRANOFOS ZN SUPER

STARTER

DESCRIPTION

GRANOFOS Zn SUPER is a binary liquid fertilizer based on ammonium polyphosphate which is characterized by a high fertilizing efficiency due to the synergistic effect established between the ammonia component, the phosphoric component and the zinc. Phosphorus, combined with Zinc, induces a more intense radical activity of the plants allowing a vigorous development of the root system.
GRANOFOS Zn SUPER has a marked starter effect on crops. GRANOFOS Zn SUPER can be used in sowing and transplanting crops
or in fertigation in the initial stages of the crop cycle..

WARNINGS AND COMPATIBILITY

For fertigation applications, it is recommended to distribute at least 5 mc of water per 10,000 sqm. It is advisable not to exceed the concentration of 2‰ in the presence of hard water.

PFC 1(C)(I)(b)(ii)
LIQUID INORGANIC COMPOUND FERTILIZER
BASED ON MACROELEMENTS
NP FERTILIZER in 7-20 solution with microelement

COMPOSITION

7 %	Total nitrogen (N) 7% Ammoniacal nitrogen (N)
20 %	Total Phosphoric Anhydride (P_2O_5) 20% Phosphoric Anhydride (P_2O_5) water soluble
1 %	Total zinc (Zn), in the form of sulfate

CHARACTERISTICS

Appearance
Straw-yellow opalescent liquid

Freezing Point
-3°C

Density at 20 °C
1,25 – 1,30 Kg/Lt approx

pH (20°C)
5-7

Electrical conductivitya (0,1%)
1,3 mS/cm

SOIL APPLICATION	DOSE KG/HA	PERIOD
Corn, Sorghum	50 - 60	At localized sowing
Dry rice	60 - 80	At localized sowing
Wheat, Straw cereals	60 - 80	At localized sowing
Sugar beet	60 - 80	At localized sowing
Rapeseed, Sunflower	60 - 80	At localized sowing
Tomato	60 - 80	At localized sowing
Open field vegetables	60 - 80	At localized sowing
Tobacco	60 - 80	At localized sowing
Greenhouse vegetables	60 - 80	At transplanting located in fertigation
Ornamentals and nurseries	40 - 80 g/plant	To the fertigation system

30 KG 1000 L 30 T

CE

MICROSEED AIR O_2

STARTER

The only microgranule that releases oxygen in the presence of asphyxiated land and with water stagnation

DESCRIPTION

MICROSEED AIR O_2 is and a microgranular fertilizer based on nitrogen, phosphorus and zinc in combination with a Peroxide which releases Oxygen once it comes into contact with the humidity of the soil. MICROSEED AIR O_2 creates an AIR BUBBLE around the seed and the root system capable of reducing the phenomenon of root asphyxia and anoxia, stimulating germination and rooting in adverse situations (e.g. clayey soils, soils with water stagnation and compact soils with working sole) and generate a collateral oxidizing action against soil microorganisms. MICROSEED AIR O_2 it is characterized by a perfectly spherical, compact and flowing microgranule with a diameter between 0.3-1.0 mm, ideal for localized fertilization at sowing and transplanting. The phosphorus is protected by an organic matrix which, in combination with the zinc, is completely available for root development. MICROSEED AIR O_2 can be distributed by microgranulator or stratified with the seed, only that of straw cereals, in the hopper (10 kg of MICROSEED AIR O_2 for every 100 kg of seed) thus reducing waste, optimizing logistics and maximizing fertilizing efficiency.

PFC 1(C)(I)(a)(ii)
SOLID INORGANIC COMPOUND
FERTILIZER BASED ON
MACROELEMENTS
NP fertilizer with microelement, 10-46

COMPOSITION

10 %	Total nitrogen (N) 10% Ammoniacal nitrogen (N)
46 %	Phosphoric Anhydride (P_2O_5) total 42% % Water-soluble phosphorus pentoxide (P_2O_5) 4% Phosphorus pentoxide (P_2O_5) soluble in neutral ammonium citrate
1 %	Total zinc (Zn), in oxide form

CHARACTERISTICS

Granulometry
Prill. Il 99% of the product passes through the 1.05 mm diameter sieve.

Density at 20 °C
0,8kg/lt

Ingredients
MAP 12:52[1]
1 - CMC 1: substances and mixtures based on raw material.

SOIL APPLICATION	DOSE KG/HA	PERIOD
Corn	35 - 45	Localized at sowing
Rice	30 - 40	Localized at sowing
Sugar beet	30 - 50	Localized at sowing
Twill, Sunflower, Sorghum	35 - 50	Localized at sowing
Tomato	35 - 45	Localized at sowing/transplanting
Tobacco	30 - 45	Localized at sowing/transplanting
Horticultural crops	35 - 50	Localized at sowing/transplanting
Autumn-winter cereals, Rapeseed	35 - 50	Localized at sowing
Soiled	30 g/m2 300 g/m3	Mix evenly near use

CE

10 KG

SU RICHIESTA

MICROSEED BIO

STARTER

Only biological microgranule with a high level of phosphorus

ORGANO-MINERAL FERTILIZER
ORGANO-MINERAL FERTILIZER NP
Allowed in Organic Farming
Mipaaf Reg. No. 0004697/15

DESCRIPTION

MICROSEED BIO is a NP phospho-nitrogen microgranular fertilizer for organic farming suitable for localized fertilization for sowing or transplanting crops such as corn, tomato, sunflower, sugar beet, autumn-winter cereals.
MICROSEED BIO contains slow-release organic nitrogen and phosphoric anhydride from soft natural phosphates. Natural phosphates mixed with a noble organic matrix allow for a very active product even in alkaline soils.
MICROSEED BIO has a starter effect which manifests itself with a prompt development of the root system and a vigorous development of young seedlings. It is distributed with the aid of the microgranulators present on the seeders. With the localization of the fertilizer during sowing, waste is reduced and distribution times and related costs are optimized, maximizing fertilization efficiency.

Raw materials: Natural phosphorite, hydrolyzed leather and skins

COMPOSITION

5 %	Total Nitrogen (N) 5% Organic nitrogen (N)
16 %	Total Phosphoric Anhydride (P_2O_5) 13% phosphoric anhydride (P_2O_5) soluble in 2% formic acid
25 %	Organic carbon (C)

CHARACTERISTICS

Appearance
Microgranule with a diameter of 0.3 to 1.0 mm

Density at 20 °C
0,8 Kg/Lt

SOIL APPLICATION	DOSE KG/HA	PERIOD
Corn	35 - 45	Localized at sowing
Sugar beet	30 - 40	Localized at sowing
Soy, Sunflower, Sorghum	30 - 50	Localized at sowing
Tomato	35 - 50	Localized at sowing
Tobacco	35 - 50	Localized at sowing/transplanting
Horticultural crops	30 - 45	Localized at sowing
Autumn-winter cereals, Rapeseed	30 - 45	Localized at sowing/transplanting
Open field and greenhouse	35 - 50	Localized at sowing/transplanting
Ornamentals and nurseries	35 - 50	At the time of implantation
Turf and Lawns	60 g/m2 800 g/m3	Mix evenly near use soiled

10 KG SU RICHIESTA

BIO

MICROSEED JEX

STARTER

Corrects the pH of alkaline soils

DESCRIPTION

MICROSEED JEX is a microgranular fertilizer based on calcium sulphate with the addition of zinc and is particularly suitable for localized fertilization during sowing or transplanting of crops such as corn, tomato, sunflower, sugar beet and autumn-winter cereals, ornamental and medicinal plants.
MICROSEED JEX has a smooth, uniform granule with a diameter between 0.3 and 1.0 mm. The presence of calcium sulphate combined with zinc performs an amending function towards the pH of the soil in which it is used. In particular soil pH conditions
MICROSEED JEX favors the germination of the seed and guarantees the development of the plant during the delicate initial phases which manifests itself with a prompt development of the root system and a vigorous development of the young seedlings.
MICROSEED JEX is distributed with the aid of the microgranulators present on the seeders. With the localization of the fertilizer during sowing, waste is reduced and distribution times and related costs are optimized, maximizing fertilization efficiency.

Raw material: calcium sulphate and zinc oxide

PFC 1(C)(I)(a)(ii)
SOLID INORGANIC COMPOUND FERTILIZER BASED ON MACROELEMENTS
Allowed in Organic Farming
Mipaaf No. 0024241/18

COMPOSITION

26 %	Total calcium oxide (CaO)
38 %	Total sulfuric anhydride (SO_3)
1 %	Total zinc (Zn)) in oxide form

CHARACTERISTICS

Granulometry
Prill. Il 99% of the product passes through the 1.05 mm diameter sieve.

Density at 20 °C
0,8 Kg/Lt

SOIL APPLICATIOKN	DOSE KG/HA	PERIOD
Corn	25 - 35	Localized at sowing
Rice	25 - 35	Localized at sowing
Sugar beet	30 - 40	Localized at sowing
Twill, Sunflower, Sorghum	20 - 35	Localized at sowing
Tomato	30 - 45	Localized at sowing/transplanting
Tobacco	30 - 45	Localized at sowing/transplanting
Horticultural crops	25 - 35	Localized at sowing/transplanting
Autumn-winter cereals, rapeseed	25 - 40	Localized at sowing
Turf carpets	30 - 50 g/m2	During the vegetative period
Ornamental and medicinal plants	25 - 35	Localized for sowing or full field distribution
Soiled	30 g/m² 300 g/m³	Mix evenly near use

CE BIO

10 KG

SU RICHIESTA

MICROSEED WR

STARTER

Presence of a polymer of vegetable origin able to increase the water retention capacity of the soil and of the cultivation substrates

MINERAL COMPOUND FERTILIZER
NP 10.46 + 1 Zn CONCIME
MICROGRANULAR STARTER
EFFECT
N. Reg. 0039923/23

DESCRIPTION

MICROSEED WR is the only microgranular fertilizer in which the starter effect, given by the combination of nitrogen, phosphorus and zinc, is combined with the management of water retention in the soil due to the presence of the WR vegetable polymer.
MICROSEED WR works like a sponge: it captures water in the soil and gradually releases it during its slow degradation which takes place over 4-6 months depending on the organic matter content in the soil. The presence of the polymer allows the formation of a COMFORT ZONE around the seed or roots, favoring the development of the crop even in conditions of water stress such as dry years and in sandy/light soils. The use of MICROSEED WR is recommended in sandy soils, dry years, farms with water supply difficulties. MICROSEED WR is characterized by a spherical, compact and free-flowing microgranule with a diameter between 0.3-1.0 mm which can be distributed using a microgranulator or stratified with seed, only that of straw cereals (10 kg MICROSEED WR every 100 kg of seed) thus reducing waste, optimizing logistics and maximizing fertilizer efficiency.

COMPOSITION

10 %	Total Nitrogen (N) 10% Ammonia nitrogen (N)
46 %	Phosphorus dioxide (P_2O_5) soluble in neutral ammonium citrate and water
4 %	Phosphorus dioxide (P_2O_5) soluble in neutral ammonium citrate
42 %	Phosphorus Dioxide (P_2O_5) soluble in water
1 %	Zinc (Zn)

CHARACTERISTICS

Appearance
Microgranule with a diameter of 0.3 to 1.0 mm

Density at 20 °C
0,8 Kg/Lt

SOIL APPLICATION	DOSE KG/HA	PERIOD
Corn	25 - 35	Localized at sowing
Sugar beet	30 - 40	Localized at sowing
Twill, Sunflower, Sorghum	20 - 35	Localized at sowing
Tomato	30 - 45	Localized at sowing/transplanting
Tobacco	30 - 45	Localized at sowing/transplanting
Horticultural crops	25 - 35	Localized at sowing/transplanting
Autumn-winter cereals, rapeseed	25 - 40	Localized at sowing
Soiled	30 g/m2 300 g/m3	Mix evenly near use

10 KG SU RICHIESTA

MICROSEED ZN SUPER

STARTER

Guarantee a quick starter effect to your crop

DESCRIPTION

MICROSEED Zn SUPER is a microgranular fertilizer which guarantees a rapid "starter effect" thanks to the perfect combination of nitrogen, phosphorus and zinc protected by an organic matrix which ensures its availability and prevents its retrogradation. MICROSEED Zn SUPER is characterized by a spherical, compact and flowing microgranule with a diameter between 0.3-1.0 mm which can be distributed by means of a microgranulator or stratified with seed, only that of straw cereals (10 kg of MICROSEED Zn SUPER every 100 kg of seed) thus reducing waste, optimizing logistics and maximizing fertilizing efficiency.

Use only in cases of recognized need. Do not exceed application doses.

PFC 1(C)(I)(a)(ii)
COMPOUNDED SOLID INORGANIC FERTILIZER BASED ON MACROELEMENTS
NP fertilizer with microelement, 11-47

COMPOSITION

11 %	Total nitrogen (N) 11% Ammoniacal nitrogen (N)
47 %	Total Phosphoric Anhydride (P_2O_5) 43% Water-soluble phosphorus pentoxide (P_2O_5) 4% Phosphorus pentoxide (P_2O_5) soluble in neutral ammonium citrate
1 %	Total zinc (Zn), in oxide form

CHARACTERISTICS

Granulometry
Prill. Il 99% of the product passes through the 1.05 mm diameter sieve.

Density at 20 °C
0,8 Kg/Lt

SOIL APPLICATION	DOSE KG/HA	PERIOD
Corn	25 - 35	Localized at sowing
Rice	25 - 35	Localized at sowing
Sugar beet	30 - 40	Localized at sowing
Twill, Sunflower, Sorghum	20 - 35	Localized at sowing
Tomato	30 - 45	Localized at sowing/transplanting
Tobacco	30 - 45	Localized at sowing/transplanting
Horticultural crops	25 - 35	Localized at sowing/transplanting
Autumn-winter cereals, Rapeseed	25 - 40	Localized at sowing
Soiled	30 g/m2 300 g/m3	Mix evenly near use

CE

10 KG

UPON REQUEST

P 54

STARTER

COMPOSITION

40 % Total phosphoric anhydride (P_2O_5) from orthophosphoric acid

PHOSPHATIC FLUID SIMPLE MINERAL FERTILIZER
Phosphoric Acid
N. Reg. 0004705/15

CHARACTERISTICS

Appearance
Clear green liquid

Freezing point
-17.5°C

Density at 20 °C
1,40 Kg/Lt

pH (20°C)
< 2

Electrical conductivity (0.1%)
1.00 mS/cm

30 KG 1000 L 14-30 T

P 75

STARTER

COMPOSITION

54 % Total phosphoric anhydride (P_2O_5) from orthophosphoric acid

PHOSPHATIC FLUID SIMPLE MINERAL FERTILIZER
Phosphoric Acid
N. Reg. 0004705/15

CHARACTERISTICS

Appearance
Clear green liquid

Freezing point
-17.5°C

Density at 20 °C
1,65 Kg/Lt

pH (20°C)
< 0,5

Electrical conductivity (0.1%)
1.00 mS/cm

30 KG 1000 L 14-30 T

POLIFERT EXTRA

STARTER

DESCRIPTION

POLIFERT EXTRA is a NP binary liquid fertilizer from ammonium polyphosphate containing sulphur. Its high phosphorus content, completely available, when mixed with sulfur makes it extremely interesting for all crops.
POLIFERT EXTRA is recommended to be used at the time of sowing or transplanting for industrial crops such as corn, autumn and winter cereals, rape, sunflower, cruciferous vegetables and horticultural crops. It can also be used in fertigation on special crops.

WARNINGS AND COMPATIBILITY

Store at temperatures between 4°C and 25°C. To be used only in case of recognized need. Do not exceed the appropriate doses. The product is stable at ordinary temperatures and pressures.
Avoid mixing with alkaline reaction products. Check compatibility from time to time. Considering the large number of varieties and species, as well as the different environmental conditions, should the product be mixed with other formulations (above all containing solvents) it is always advisable to carry out preliminary use trials.

PFC 1(C)(I)(b)(ii)
LIQUID INORGANIC COMPOUND FERTILIZER
BASED ON MACROELEMENTS
NP FERTILIZER (S) in solution 10-25 (15)

COMPOSITION

10 %	Total nitrogen (N) 10% Ammoniacal nitrogen (N)
25 %	Total Phosphoric Anhydride (P_2O_5) 25% Phosphorus Pentoxide (P_2O_5) water-soluble
15 %	Sulfuric Anhydride (SO_3) total 15% Sulfur trioxide (SO_3) water-soluble

CHARACTERISTICS

Appearance
Green clear solution

Freezing point
-5°C

Density at 20 °C
1.33 to 1.38 kg/Lt approx.

pH (20°C)
5,5–6,5

SOIL APPLICATION	DOSE KG/HA	PERIOD
Corn, Sorghum	50 - 60	At localized sowing
Wheat, Straw cereals	50 - 60	At localized sowing
Sugar beet	50 - 60	At localized sowing
Rapeseed, Sunflower	50 - 60	At localized sowing
Tomato	50 - 60	At localized sowing
Open field horticultural crops	50 - 60	At localized sowing
Potato	50 - 60	At localized sowing
Tobacco	50 - 60	At localized sowing
Horticultural crops in the greenhouse	50 - 60	At transplanting located in fertigation
Ornamentals and nurseries	40 - 80 g/plant	To the fertigation system

CE

30 KG 1000 L 30 T

FERTILIZERS

LIQUID NITROGENOUS

Liquid nitrogen-based fertilizers with high nutrient efficiency, slow release, containing calcium, magnesium and sulfur.

FERTILCEREAL 21 DCD

LIQUID NITROGENOUS

Slow release nitrogen with sulphur to increase protein synthesis!

SIMPLE MINERAL FERTILIZER FLUID
NITROGEN FERTILIZER
AZOTATE FILLER SOLUTION CONTAINING
DICYANDIAMMIDE AND SULPHUR
N. Reg. 0039082/23
UFI: VF10-J0AV-7002-W5NC

DESCRIPTION

FERTILCEREAL 21 DCD is a simple liquid nitrogen fertilizer in which the function of the nutrient nitrogen (urea and ammonia) has been linked to DICIANDIAMMIDE so as to achieve positive economic and environmental management advantages of this macronutrient relative to biological transformation processes. Thanks to the inhibitor DICIANDIAMMIDE, ammonia nitrogen is converted to nitrate nitrogen in a period of 8 to 12 weeks, reducing the traditional nitrogen supply.
The inhibitory activity of DICIANDIAMMIDE against urease and nitrifying bacteria is manifested in reduced losses by leaching and volatilization. The inhibitory action of DICIANDIAMMIDE, exhibits absolute invariance with respect to environmental conditions, and this, together with ease of use, makes FERTILCEREAL 21 DCD a decidedly attractive product compared to other similar compounds, in that the distributed nitrogen is completely absorbed by the affected crop. FERTILCEREAL 21 DCD is a product designed specifically for effective use in spring nitrogen fertilizations (COLSE, MAize, STRAW CEREALS) carried out in conjunction with weed control or fungicide and insecticide treatments, by hose and/or with downs.

DOSES AND METHODS OF USE

The definition of the dose to be given to the crop concerned should be established taking into consideration the fertility of the soil and the physiological state of the plant.
It is recommended for use of the product in open field to use special nozzles for liquid fertilizers. The use of the product in fertigation is recommended.

WARNINGS AND COMPATIBILITY

Miscible with all liquid products with pH > 7.5.
Miscibility with herbicides to be checked.
Make applications during cooler hours of the day.

COMPISITION

21 %	Total Nitrogen (N) 4% Ammonia nitrogen (N) 17% Urea nitrogen (N)
10 %	Sulfur dioxide (SO_3) soluble in water
0,47 %	DCD inhibitor of urea and ammonia nitrogen

CHARACTERISTICS

Appearance
Blue liquid

Freezing point
-5°C

Density at 20 °C
1.22 Kg/Lt approx.

pH (20°C)
6,5 - 7

Electrical conductivity (0.1%
0,72 mS/cm

For foliar fertilization use seven-hole nozzles.

30 KG 1000 L 30 T

FERTIRIS 21 DCD

LIQUID NITROGENOUS

SIMPLE MINERAL FERTILIZER
FLUID NITROGEN FERTILIZER
NITROGEN FERTILIZER SOLUTION
CONTAINING DICYANDIAMIDE AND SULFUR
N. Reg. 0039922/23

DESCRIPTION

FERTIRIS 21 DCD is a simple liquid nitrogen fertilizer in which the function of the nutrient nitrogen (urea and ammonia) has been linked to SULPHUR and DICIANDIAMMIDE so as to achieve positive economic and environmental management advantages of this macronutrient relative to biological transformation processes. Through the combination of SULPHUR with the inhibitor DICIANDIAMMIDE, ammonia nitrogen is fixed and made available for a period of 8 to 12 weeks, reducing the traditional nitrogen supply. The inhibitory activity of DICIANDIAMMIDE against urease and nitrifying bacteria is manifested in reduced losses by leaching and volatilization. The inhibitory action of DICIANDIAMMIDE, exhibits absolute invariance with respect to environmental conditions, and this, together with the ease of use, makes FERTIRIS 21 DCD a decidedly attractive product compared to other similar compounds, in that the nitrogen distributed is completely absorbed by the affected crop. FERTIRIS 21 DCD is a product designed specifically for effective use in spring nitrogen fertilization of rice carried out in conjunction with weed control or fungicide and insecticide treatments.

DOSES AND METHODS OF USE

The definition of the dose to be given to the crop concerned should be established taking into consideration the fertility of the soil and the physiological state of the plant.It is recommended that for the use of the product in the open field, special nozzles for liquid fertilizers should be used.

WARNINGS AND COMPATIBILITY

Miscible with all liquid products with pH > 7.5.Miscibility with herbicides to be checked. Make applications during cooler hours of the day.

COMPISITION

21 %	Total nitrogen (N) of which. 3% Ammonia nitrogen (N) 18% Urea nitrogen (N)
16,2 %	Sulfur dioxide (SO_3) soluble in water
0,47 %	DCD inhibitor of urea and ammonia nitrogen

CHARACTERISTICS

Appearance
Clear blue solution

Freezing point
-5°C

Density at 20 °C
1,18 - 1,22 Kg/Lt circa

pH (20°C)
6 - 7

CElectrical conductivity (0.1%)
0,94 mS/cm

30 KG 1000 L 30 T

N 30 DCD

LIQUID NITROGENOUS

Slow-release nitrogen

SIMPLE MINERAL FERTILIZER
FLUID NITROGEN FERTILIZER
SOLUTION OF AMMONIUM NITRATE AND UREA
CONTAINING DICYANDIAMIDE
N. Reg. 0039081/23
UFI: S740-R0EK-000W-239E

DESCRIPTION

N30 DCD is a fertilizer whose three nitrogen forms (nitric, ammonia, urea) are perfectly balanced. In this way, the crop has a share of readily available nitrogen and a share capable of meeting needs in the later stages of the crop cycle. The presence of DICIANDIAMMIDE allows maximization of the efficiency and availability of the nitrogen unit by slowing down the process of nitrification and reducing losses by volatilization and leaching.
N30 DCD is indicated both during periods of intense vegetative growth and if the crop has to overcome phases of growth arrests due to environmental stresses. N30 DCD is applicable on all agricultural crops that require nitrogen and is distributed in the open field, localized in band or in fertigation.

DOSES AND METHODS OF USE

Application in fertigation and open field. The definition of the dose to be given to the crop concerned should be established by taking into inconsideration the fertility of the soil and the physiological state of the plant.

WARNINGS AND COMPATIBILITY

Mixable with all liquid products. Pay attention to mixtures with products containing potassium. In a protected environment (greenhouse, tunnel) the dose should not exceed 200 gr/hl of water. In case of equipment with tin, copper and related alloy parts, it is recommended to wash equipment thoroughly after use. Make applications during the coolest hours of the day.

COMPOSITION

30 %	Total nitrogen (N) of which. 7.5% Nitric nitrogen (N) 7.5% Ammonia nitrogen (N) 15% Urea nitrogen (N)
0,5 %	DCD inhibitor of urea and ammonia nitrogen.

CHARACTERISTIC

Appearance
Blue liquid

Freezing point
-10°C

Densità a 20 °C
1,25-1,30 Kg/Lt approx

pH (20°C)
6 - 8

This product is governed by Regulation (EU) 2019/1148: all suspicious transactions, disappearances and significant thefts must be reported within 24 hours to the relevant national contact point.

For full-field application, 7-hole nozzles are recommended

30 KG | 1000 L | 14-30 T

N-DIGEST DCD

LIQUID NITROGENOUS

Enhances nitrogen fertilization

SPECIFIC ACTION PRODUCT
FERTILIZER ACTION PRODUCT INHIBITOR
NITRIFICATION INHIBITOR
DICYANDIAMIDE (DCD)
N. Reg. 0039080/23

COMPOSITION

26,6% — 330 g/L Diciandiamide

CHARACTERISTICS

Appearance
Colorless solution

Density at 20 °C
1.23-1.25 Kg/Lt approx.

Smell
Weak, ammoniacal

pH (20°C)
3 - 5

Add TO DIGESTATE OR LIQUID MANURE

DIGESTATE VOLUME/ DISTRIBUTED MANURE	CONCENTRATION % N TOTAL	N-DIGEST DCD VOLUME TO ADD TO THE DIGESTATE/ SLUISER
500 q.li/ha	0,2	7 L
	0,3	10 L
	0,7	24 L
1000 q.li/ha	0,2	14 L
	0,3	20 L
	0,7	48 L

30 KG 1000 L

NITROCAL

LIQUID NITROGENOUS

Simple Nitrogen and Calcium

PFC 1(C)(I)(b)(i)
SIMPLE LIQUID INORGANIC FERTILIZER
BASED ON MACROELEMENTS
N (Ca) fertilizer, 8 (+15) in solution

COMPOSITION

8 %	Total Nitrogen (N) 8% Nitrate nitrogen (N)
15 %	Water-soluble calcium oxide (CaO)

CHARACTERISTICS

Appearance
Clear solution

Density at 20 °C
Approx. 1.40 kg/Lt

Electrical conductivity (0.1%)
1,21 mS/cm

Freezing point
-6°C

pH (20°C)
1 - 3

PLANT	FERTIGATION APPLICATION WITH DESALINATION EFFECT
Pre-planting	Distribute at a dose of 20 - 40 l/ha with abundant washing.
Post-planting	Distribute at a dose of 5 - 7 1/ha every 7 -15 days.

FOLIAR APPLICATION	DOSE LT/HA	PERIOD
Pome fruit, stone fruit, Kiwi	3 - 5	2 - 3 interventions from setting to fruit enlargement
Grapevine	3 - 5	2 - 3 interventions from setting to fruit enlargement
Rapeseed	3 - 5	2 - 3 interventions from setting to fruit enlargement
Medical herb	3 - 5	After every mowing
Potato	3 - 5	2 - 3 interventions from setting to fruit enlargement
Tomato	3 - 5	2 - 3 interventions from setting to fruit enlargement
Horticultural crops	3 - 5	2 - 3 interventions from setting to fruit enlargement
Strawberry and small fruits	3 - 5	2 - 3 interventions from setting to fruit enlargement

CE

30 KG | 1000 L | 30 T

NITROMAC 24

LIQUID NITROGENOUS

Simple nitrogen combined with calcium and magnesium

PFC 1(C)(I)(b)(i)
SIMPLE LIQUID INORGANIC FERTILIZER
BASED ON MACROELEMENTS
Fertilizer N (Ca, Mg}, 8 (+14 +2) in solution

COMPOSITION

8 %	Total nitrogen (N) 8% Nitric nitrogen (N)
14 %	Water soluble calcium oxide (CaO)
2 %	Water soluble Magnesia Oxide (MgO)

CHARACTERISTICS

Appearence
Straw solution

Density at 20 °C
1,40-1,45 Kg/Lt approx

Electric conductivity (0,1%)
0,937 mS/cm

pH (20°C)
4,5 - 5,5

PLANT	FERTIGATION APPLICATION WITH DESALINATION EFFECT
Pre-planting	Distribute at a dose of 20 - 40 l/ha with abundant washing.
Post-planting	Distribute at a dose of 3 - 5 1/ha every 7 -15 days

FOLIAR APPLICATION	DOSE LT/HA	PERIOD
Pome fruit, stone fruit, Kiwi	3 - 5	2 - 3 interventions from setting to fruit enlargement
Grapevine	3 - 5	2 - 3 interventions from setting to fruit enlargement
Rapeseed	3 - 5	2 - 3 interventions from setting to fruit enlargement
Medical herb	3 - 5	After every mowing
Potato	3 - 5	2 - 3 interventions from setting to fruit enlargement
Tomato	3 - 5	2 - 3 interventions from setting to fruit enlargement
Horticultural crops	3 - 5	2 - 3 interventions from setting to fruit enlargement
Strawberry and small fruits	3 - 5	2 - 3 interventions from setting to fruit enlargement

30 KG 1000 L 30 T

CE

FERTILIZERS

SPECIALS

Products developed to increase and enhance the production yields and organoleptic characteristics of your crops.

BLACK HUMONAS

Energy from humic acids and fulvic acids!

DESCRIPTION

BLACK HUMONAS is a liquid soil conditioner containing humic and fulvic extracts from Leonardite extracted using a natural method. BLACK HUMONAS has an acidic pH which favors miscibility with most plant protection products and fertilizers, promotes growth during the different phenological phases of the crop, allows you to effectively deal with various types of stress and promotes root and vegetative development if applied to roots.

WARNINGS AND COMPATIBILITY

The product can be used with all the most common pesticides and is miscible with the main foliar and fertigation fertilizers of the Euro TSA line, however it is recommended to carry out tests in small quantities, to test their total compatibility. Do not mix with mineral oils, calcium nitrates, acid reaction products and herbicides which are not compatible with organic substances. Optimum temperature of use between 10°C and 30° C. It is advisable to shake and mix before application. For all uses, it is recommended not to exceed the indicated doses and to respect the frequency of intervention indicated. With newly introduced varieties or in the absence of previous specific experience, it is advisable to carry out preliminary tests on small surfaces, before extending the treatment to the entire crop.

Leonardite Soil improver
Amendant
Leonardite from North Dakota (USA)
Allowed in organic farming
N. Reg 0019923/17

COMPOSITION

30 %	Organic carbon (C) on dry basis
60 %	Extractable organic carbon (C) on total organic carbon (C)
60 %	Organic carbon (C) humified on carbon (C) extractable (G.U.)
0,5 %	Organic nitrogen (N) on the dry basis
90 %	Dry organic matter
60 %	Extractable organic substance as a percentage of the organic substance
60 %	Humified organic substance as a percentage of the substance extractable organic
20,5%	Humic acids
4,5 %	Fulvic acids

CHARACTERISTICS

Appearance
Dark solution

Freezing point
-5°C

Density at 20 °C
1.10 Kg/Lt approx.

pH (20°C)
4,2

CROPS	DOSE LT/HA	DOSE LT/HA	PERIOD
Pome fruit, Stone fruit, Kiwi, Nuts, Olive, Citrus, Grapevine and other fruit	2	8 - 10	During the whole cycle every 7-10 days
Strawberry and Small fruits	1- 2	6 - 8	During the whole cycle every 7-10 days
Straw cereals, Rice	1 - 1,5	4- 6	From the picking phase to earing
Rape, Sunflower, Soy, and other oilseeds	2	4- 6	From the growth stage to pod formation
Corn, Sorghum	1- 2	4- 6	From the budding stage to flowering
Horticultural crops in the field and greenhouse	1- 2	4- 6	From the 4th leaf to root growth
Sugar beet	2	6 - 8	From the 4th leaf to root growth
Potato	2	6 - 8	During the whole cycle every 7-10 days
Transplant crops	-	25 ml/plant	In the early stages after transplantation

1,1 KG 5,5 KG

BIO

BORON CARE

SPECIALS

Ensure fertilization of your flowers

DESCRIPTION

BORON-CARE is a boron-based formulation with a particular formulation that allows rapid foliar absorption and stability in the soil within a wide pH range. application of the product allows to prevent and cure some serious physiopathies such as: milleranda-ge of the vine, suberosis of the fruits, hollow heart of the sugar beet, etc. BORON-CARE plays an important physiological role in plants, being decisive in the flowering phase, favors fecundation and fruit set processes, regulates sugar production and catalyzes the absorption of macroelements.
BORON-CARE is suitable for foliar and root applications.

PFC 1(C)(I)(b)(i)
SIMPLE INORGANIC FERTILIZER BASED ON MICROELEMENTS
Fertilizer in solution based on microelements
N. Reg. 0004716/15

COMPOSITION

11 %	Water-soluble boron (B)

CHARACTERISTICS

Appearence
Straw clear solution

Density at 20 °C
1,35-1,40 Kg/Lt approx

Electric conductivity (0,1%)
2,40 mS/cm

Freezing point
-3°C

pH (20°C)
8 - 10

FOLIAR APPLICATION	DOSE LT/HA	PERIOD
Olive tree	1	1st pre-flowering treatment 2nd treatment in fruit setting
Grapevine	1- 2	1st treatment at budding - 2nd treatment in separate clusters 3rd treatment at fruit set
Citrus fruits	1	1st treatment at first flowering 2nd treatment in fruit setting
Pome fruit, Stone fruit	1	1st treatment in pre-flowering 2nd treatment in fruit setting
Medical herb	1	After every mowing
Sunflower	2	4 to 6 pairs of true leaves
Rapeseed	4	At the vegetative restart
Horticultural crops	2	4 to 6 pairs of true leaves

CE BIO

1,37 KG 1 L | 1,37 KG 1 L | 1370 KG 1000 L

CALCIO FOLIAR FERTILIZER WDG SPECIALS

For better preservation and quality

CORRECTIVE
LIME AND MAGNESIUM
CORRECTIVE
CALCIUM CORRECTIVE AGENT
ALLOWED IN ORGANIC FARMING
N. Reg. 0035570/22

DESCRIPTION

CALCIO FOLIAR FERTILIZER WDG is a fertilizer based on Calcium Carbonate in WDG formulation obtained with a particular technology which allows the microgranules to rapidly disperse in the water and favor the absorption of the Carbonate directly from the leaves through the stomata. The carbonate particles thus absorbed dissociate, releasing CO2 and CaO.
CALCIO FOLIAR FERTILIZER WDG is a product to be sprayed on leaves. In this way, penetrating into the stomata, a double effect is obtained: Calcium intake to prevent and cure physiopathies caused by calcium deficiencies and increase in the concentration of CO2 in the leaf to increase and optimize the photosynthesis process. In the plant we note: acceleration of growth and improvement of the green coloring of the leaves; increased resistance to frost, drought and phytosanitary diseases, growth and vitality under stress conditions; improvement of the availability of Calcium for the plant; reduction in the demand for water; improvement of production, quality and storage properties of fruits.

WARNINGS AND COMPATIBILITY

The product is compatible with various fertilizers. It is advisable to carry out tests to verify complete compatibility. Avoid mixing with acid solutions and with concentrated saline solutions and with solutions containing phosphorus.

COMPOSITION

44 %	Total calcium (CaO)

CHARACTERISTICS

Appearance
Water-dispersible granules

Granulometry
100% < 1 mm

Color
White

FOLIAR APLICATION	DOSE LT/HA	PERIOD
Pome fruit, Stone fruit, Kiwi, Olive, Nuts, and other fruit	2,5 - 5	3 - 5 applications at intervals of 15 - 20 days from the formation of the 3rd leaf
Grapevine	2,5 - 5	3 applications (pre-flowering, pre-closing and veraison)
Corn, Sorghum, Sunflower	2,5 - 5	On the 4th - 6th leaf
Sugar beet	2,5 - 5	On the 4th - 6th leaf and repeat the treatment 2 and 4 weeks later
Soy, Rapeseed	2,5 - 5	2 applications: 4 - 6th leaf and before flowering
Autumn - winter cereals, Rice	2,5 - 5	Applications from the doffing phase to earing
Tomato	2,5 - 5	2 - 4 applications starting from the first flowering
Potato	2,5 - 5	2 applications: after the first foliation and 15 days after
Strawberry and Small Fruits	2,5 - 5	3 applications: before flowering, fruit enlargement and after 15 days
Open field and greenhouse horticultural crops	2,5 - 5	2 - 4 applications starting from the first flowering
Ornamental plants	2,5 - 5	2 - 4 applications starting from the 3rd leaf

5 KG

BIO

CHELIFER 6 WDG

SPECIALS

Prevent chlorosis

DESCRIPTION

CHELIFER 6 WDG and a water-soluble granular iron chelate for use in the prevention and treatment of iron chlorosis. CHELIFER 6 WDG is characterized by solubility and wettability thanks to the high content of the ortho-ortho isomer of the chelate. These characteristics highlight its rapid action and persistence, favoring the treatment and prevention of iron chlorosis. CHELIFER 6 WDG exhibits the best effectiveness through radical and fertigation administrations.
It is particularly suitable for orchards, vineyards, citrus fruits, vegetables and flowers, etc.

WARNING AND COMPATIBILITY

It is advisable to start the treatments at the end of the vegetative rest. Use only if there is a recognized need. Do not exceed the appropriate doses. The product is photolabile. The responsability. of the manufacturer and limited only to the composition on the packaging. The manufacturer cannot be held responsible for misuse. In the event of a fire involving the product, use plenty of water. The product is compatible with common phytosanitary products with the exception of alkaline mushes. In case of accidental spillage of the product, collect with suitable means and dispose of according to local regulations.

PFC 1(C)(I)(b)(i)
SIMPLE INORGANIC FERTILIZER
BASED ON MICROELEMENTS
EDDHA Iron Chelate

COMPOSITION

6 %	Iron (Fe) chelated with EDDHA, water soluble

CHARACTERISTICS

Appearance
Microgranule

pH (1%)
7,5

Color
Reddish brown

SOIL APPLICATION*	DOSE LT/HA
Actinidia, Olive	20
Citrus fruits	50 - 100
Pome fruit	30 - 50
Drupaceous	30 - 80
Grapevine	30 - 50
Vegetables and flowers	2 - 4 g/m2

*Water the soil around trees and shrubs, taking care to spray the roots well. CHELIFER 6 WDG can also be distributed dry mixed with a carrier (e.g., sand), incorporated into the soil and then followed by irrigation.

APPLICAZIONE IN FERTIRRIGAZIONE	DOSE (g/PLANT)	PERIOD
-	0,005 - 0,2% (50 - 200 g/hl)	-

CE BIO 5 KG

CUPRON ULD

SPECIALS

DESCRIPTION

CUPRON ULD a fertilizer based on the microelement Copper from sulphate pentahydrate obtained with a particular technology which allows to bind Copper to organic matter of noble origin which favors its use at low dosages.
CUPRON ULD allows the regular development of the metabolic activities of the plant as Copper is a constituent of some enzymes and is important for the synthesis of chlorophyll.
CUPRON ULD distributed by foliar way prevents and reduces Copper deficiencies making it easily available to the plant. Copper is absorbed with difficulty through the roots as it is retained by the soil, particularly in those rich in organic matter and with an alkaline reaction.

WARNIGS AND COMPATIBILITY

Store at temperatures between 4°C and 25°C. To be used only in cases of recognized need. Do not exceed the appropriate doses. The product is stable at ordinary temperatures and pressures. Avoid mixing with alkaline reaction products. Check compatibility from time to time. Consider the large number of varieties and species, as well as the different environmental conditions, if the product has to be mixed with other formulations (especially containing solvents) it is always advisable to carry out preliminary use tests.
I: use of copper-based fertilizers must be limited to cases in which there are specific nutritional needs, this use, and possible in the presence of a demonstrated need and a relative technical documentation (see Circular no. N.0026663 of 10/04/2018).

FOLIAR APLICATION	DOSE LT/HA
Grapevine, Citrus fruits	100 - 150
Pome fruit (Apple, Pear), Nace, Hazelnut	100 - 150
Olive	100 - 150
Potato	100 - 150
Tomato	100 - 150
Strawberry	100 - 150
Vegetables	100 - 150
Ornamental crops	100 - 150

PFC 1(C)(I)(b)(i)
SIMPLE INORGANIC FERTILIZER
BASED ON MICROELEMENTS
Mineral fertilizer based on microelements
Allowed in organic farming

COMPOSITION

5 % Copper (Cu), in the sulphate form, water soluble

CHARACTERISTICS

Appearence
Dark blue green

Density at 20°C
1,1 - 1,2 Kg/Lt approx

pH
4,5 - 5,5

1 KG 6 KG CE BIO

GREEN LAST VEG

SPECIALS

To improve grain quality

DESCRIPTION

GREEN LAST Veg is a practical, safe and effective fluid nitrogen organo-mineral suspension fertilizer for foliar applications. It provides three forms of mineral nitrogen and one form of organic nitrogen, balanced with each other, with variable release to best meet crop needs at the most critical phenological times.
GREEN LAST Veg has a high stimulating power on crop metabolism due to the presence of a noble organic component: Plant Amino Acids. The combination of Plant Amino Acids with Sulfur promote the synthesis of Methionine and Cysteine, which constitute the noble proteins of cereals: Gliadin and Glutenin (the combination promotes the formation of Gluten).
GREEN LAST Veg when mixed with fungicides and/or insecticides improves their uniformity of distribution, persistence of action and absorption (synergy with nitrogen uptake).

AVVERTENZE E COMPATIBILITÀ

The product is compatible with most liquid pesticides and fertilizers; however, it is recommended that small quantities be tested for full compatibility. Store the product in a sufficiently cool and shady environment. This product is governed by Regulation (EU) 2019/1148: all suspicious transactions and significant disappearances and thefts must be reported to the relevant national contact point.

NITROGEN ORGANO-MINERAL FERTILIZER IN SUSPENSION
N. Reg. 0033676/2

COMPOSITION

21 %	Total nitrogen(N) of which. 1% Organic Nitrogen(N) 2.7% Ammonia nitrogen(N) 17% Urea nitrogen(N) 0.3% Nitrate nitrogen(N)
>3,3 %	Organic carbon (TOC) of biological origin
>5,6 %	Organic substance
13 %	Sulfur dioxide (SO_3) soluble in water

CHARACTERISTICS

Appearance
Brown liquid

Freezing point
-8 °C

Density at 20 °C
1.25 to 1.30 kg/Lt approx.

pH (20°C)
5 - 7

FOLIAR APPLICATION	DOSE LT/HA	PERIOD
Corn	10 - 30	From the stage of 4 - 5 flax leaves to pre-flowering in combination with any defense treatments
Wheat, barley and other cereals	10 - 30	From tillering to early flowering to increase the protein content in combination with any defense treatments
Sunflower	10 - 30	From the stage of 4 - 5 flax leaves to pre-flowering in combination with any defense treatments
Rapeseed	10 - 30	From stem lengthening to pre-flowering in combination with any defense treatments
Vegetables	250 ml/hl	During the vegetative cycle

12,5 KG 30 KG 1000 L

KEY SAPON

SPECIALS

DESCRIPTION

KEY SAPON composed of a Potassium soap which favors an effective and rapid supply of Potassium to plants and an excellent disintegrating action on organic residues, such as honeydews and sooty molds which originate from numerous phytophages such as Psylla, Metcalfa, Aphids, Whitefly, Mealybug, etc.
KEY SAPON can be used mixed with many insecticides and herbicides as it performs an excellent wetting, anti-drift, anti-bouncing action without being phytotoxic for the treated crop..

WARNIGS AND COMPATIBILITY

KEY SAPON can be mixed with the most common insecticides and herbicides. Being a product with an alkaline reaction, avoid associations with formulations sensitive to alkalinity. In any case, it is recommended to carry out a miscibility test with a small quantity before using it in full field. In case of use with very high temperatures, use the lowest dosages. In the case of mixtures with phytosanitary products, respect the waiting period of the chemical product used.

Fluid Potassium Fertilizer
Solution of Potassium Salts with Low Chloride Content B.T.C.
N. Reg. 0004723/15

COMPOSITION

10 %	Potassium Oxide (K_2O) soluble in water

CHARACTERISTICS

Appearance
Transparent yellow liquid

Density at 20 °C
1.07Kg/Lt approx

Freezing point
-5°C

pH (20°C)
8 - 11

FOLIAR APPLICATION	DOSE Gr/HL	PERIOD
Grapevine, Citrus, Pome fruit, Stone fruit, Olive, Other fruit plants	400 - 800	Interventions every 15 - 20 days
Horticultural or industrial crops	350 - 600	Interventions every 15 - 20 days
Leafy and cut vegetables	300 - 400	Interventions every 15 - 20 days
Floral and Ornamentalkey	300 - 400	Interventions every 15 - 20 days

5 KG 12 KG

MAS NK FER

SPECIALS

DESCRIPTION

MAS NK FER and a specific fertilizer for the correction of iron deficiency formulated with ammonia nitrogen, potassium and sulfur trioxide which slows down the loss of nitrogen and solubilizes the microelements present in the soil such as Fe and Mn.
MAS NK FER has a corrective action on salinity, increases the sugar level of the crops, the quality of the oil and resistance to cold.

WARNINGS AND COMPATIBILITY

The product is not photolabile and can also be used in band by increasing the dose by 25%. The product is compatible with most pesticides and liquid fertilizers, however it is recommended to carry out tests in small quantities, to test its total compatibility.

PFC 1(C)(I)(b)(i)
LIQUID INORGANIC COMPOUND
MICROELEMENT FERTILIZER
NK (S) fertilizer with microelement,
3-15 (+40) in solution

COMPOSITION

3 %	Total nitrogen (N) 3% Ammoniacal nitrogen (N)
40 %	Sulfuric Anhydride (SO_3)
15 %	Water soluble Potassium Oxide (K_2O)
1 %	Iron (Fe) chelated with EDTA, water soluble

CHARACTERISTICS

Appearemce
Dark red liquid

Freezing point
-4°C

pH (20°C)
8 - 9

Density at 20 °C
1,36 Kg/Lt approx

Electrical conductivity (0,1%)
10,34 mS/cm

APPLICATION IN FERTIGATION	DOSE LT/HA	PERIOD
Citrus fruits	40 - 60	2 interventions, in autumn and in fruit set
Apple, Pear	40 - 60	2 interventions, in autumn and in fruit set
Peach, Cherry, Plum, Apricot, Grapevine (wine and table)	30 - 50	2 interventions, in autumn and in fruit set
Actinidia	30 - 50	2 interventions June - July
Tomato	30 - 40	2 fruit enlargement interventions every 15 - 20 days
Melon	20 - 30	2 fruit enlargement interventions every 15 - 20 days
Strawberry	20 - 30	2 interventions from fruit setting every 10 - 15 days
Turf carpets	30 - 40	Full field in autumn
Golf courses	30 - 40	Full field in autumn

The treatments in autumn must be carried out with plants in activity and capable of absorbing the distributed elements so that they remain in the reserve sap.

FOLIAR APPLICATION	DOSE GR/HL	PERIOD
Citrus and fruit trees	250 - 300	2 - 3 interventions starting from fruit set every 15 - 20 days
Olive	300 - 400	2 interventions from the beginning of September every 20 days
Grapevine (wine and table)	300 - 400	3 interventions from the end of June every 20 days
Rice	400 - 500	At the release of the cob
Tomato	300 - 400	3 interventions starting from fruit set every 15 - 20 days
Melon, Watermelon	300 - 400	3 interventions starting from fruit setting every 10 days

CE

30 KG

MICROPHYT PLUS

SPECIALS

The ideal formula for quality agriculture

DESCRIPTION

MICROPHYT PLUS an extract of natural substances containing iron, zinc, copper and manganese microelements coming from a liquid mixture of soluble rock powder, which protects, strengthens, heals and heals all the tissues of plants debilitated due to stress suffered following negative events of different nature.
MICROPHYT PLUS prevents physiopathies from iron, zinc, copper and manganese deficiency. It gives greater consistency, color and flavor to the fruit. It stimulates the vegetative functions during development and colors the tissues. Regulates tissue moisture and fortifies them by protecting them from adverse effects. MICROPHYT PLUS restores deficiency states; stimulates fruit ripening, in open fields, greenhouses or tunnels. Ideal for root and foliar nutrition of the following crops: Vegetables, Orchards, Olive groves, Vineyards, Plants.

PRECAUTIONS

In the presence of fungal inoculum, in foliar application the product can cause burns on edible leaf crops.

WARNIGS AND COMPATIBILITY

Carry out the interventions in the coolest hours of the day. Avoid mixing with cupric products, polysulphides or oily emulsions. Store at temperatures between 4°C and 25°C. Keep the pure/concentrated product out of the reach of people, children and animals. Do not swallow. We decline all responsibility for improper use of the product. Dispose of the packaging in compliance with the regulations in force on the subject.

PFC 1(C)(I)(b)(i)
INORGANIC COMPOUND FERTILIZER

BASED MICROELEMENTS
Mineral fertilizer based on microelements in solution
Allowed in organic farming

COMPOSITION

0,5 %	Copper (Cu), in the sulphate form, water soluble
2 %	Iron (Fe), in the sulphate form, water soluble
0,5 %	Manganese (Mn), in the sulphate form, water soluble
0,5 %	Zinc (Zn), in the sulphate form, water soluble

CHARACTERISTICS

Appearence
Green - Dark brown

Density at 20°C
1,2 Kg/Lt approx

FOLIAR APPLICATION	DOSE LT/HA	PERIOD
Olive	0,5 - 2	3 interventions: vegetative recovery, pre-flowering, end of summer
Drupaceous, Citrus, Pome fruit, Actinidia	250 g/hl	3 interventions: vegetative recovery, pre-flowering, end of summer
Horticultural crops (open field and greenhouse)	150 - 250 g/hl	Repeated treatments in vegetation
Brassicacee (open field and greenhouse)	2 - 2,5 Kg/ha	Treatments repeated every 7 - 12 days (we recommend 7 in the first treatments and 12 in the last ones)
Leafy vegetables (open field and greenhouse)	1,5 - 2,5 Kg/ha	Trattamenti ripetuti ogni 7 - 12 giorni in funzione dello stress

APPLICATION IN FERTIGATION	DOSE LT/HA	PERIOD
Drupaceous, Citrus, Pome fruit, Actinidia	10 - 30	Repeat every 15 days
Horticultural crops (open field and greenhouse)	10 - 30	Repeat every 15 days

1 KG 6 KG 30 KG

CE BIO

NUTRIVIT 50 BLU

SPECIALS

DESCRIPTION

NUTRIVIT 50 BLU is a fertilizer based on the trace element Copper, it mainly performs a catalytic function resulting indispen- sible for plant metabolism. NUTRIVIT 50 BLU enables the regulation of the performance of metabolic activities of the plant as copper is a constituent of some enzymes and is important for the synthesis of chlorophyll.
NUTRIVIT 50 BLU prevents Copper deficiencies by increasing its availability especially in soils rich in organic matter or with an alkaline reaction. NUTRIVIT 50 BLU should be used by foliar fertilization.

WARNIGS AND COMPATIBILITY

Store at a temperature between 4°C and 25°C. Use only when there is a recognized need. Do not exceed appropriate doses. The product is stable at ordinary temperatures and pressures. Avoid mixing with products with alkaline reaction. Check compatibility from time to time.
The use of Copper-based fertilizers should be limited to cases where there are specific nutritional needs, such use, is possible when there is a demonstrated need and from relevant technical documentation (see Circular No. N.0026663 dated 10/04/2018).

PFC 1(C)(I)(b)(i)
SIMPLE INORGANIC FERTILIZER BASED ON MICROELEMENTS
Mineral fertilizer based on microelements

COMPOSITION

50 % Total copper (Cu)

CHARACTERISTICS

Appearence
Fine blue-colored powder

Density at 20 °C
3,67 Kg/Lt

FOLIAR APPLICATION	DOSE KG/HA
Fruit growing, Grapevine, Olive	1,4 - 1,8
Vegetables and Strawberry	1,8 - 2,2
Beetroot, Cereals, Tobacco	1 - 1,4

The use of copper-based fertilizers must be limited to cases in which there are specific nutritional needs. This use is possible in the presence of a demonstrated need and relative technical documentation (see Circular no. N.0026663 of 10/04/2018).

CE BIO

1 KG 5 KG 15 KG

NUTRIVIT 50 VERDE

SPECIALS

DESCRIPTION

NUTRIVIT 50 GREEN is a fertilizer based on the trace element Copper, it mainly performs a catalytic function resulting indispensible for plant metabolism. NUTRIVIT 50 GREEN enables the regulation of the performance of metabolic activities of the plant as copper is a constituent of some enzymes and is important for the synthesis of chlorophyll.
NUTRIVIT 50 GREEN prevents Copper deficiencies by increasing its availability especially in soils rich in organic matter or with an alkaline reaction. NUTRIVIT 50 GREEN should be used by foliar fertilization.

WARNIGS AND COMPATIBILITY

Store at a temperature between 4°C and 25°C. Use only when there is a recognized need. Do not exceed appropriate doses. The product is stable at ordinary temperatures and pressures. Avoid mixing with products with alkaline reaction. Check compatibility from time to time.
The use of Copper-based fertilizers should be limited to cases where there are specific nutritional needs, such use, is possible when there is a demonstrated need and from relevant technical documentation (see Circular No. N.0026663 dated 10/04/2018).

PFC 1(C)(I)(b)(i)
SIMPLE INORGANIC FERTILIZER BASED ON MICROELEMENTS
Mineral fertilizer based on microelements

COMPOSITION

50 %	Total copper (Cu)

CHARACTERISTICS

Appearence
Fine green-colored powder

Density at 20 °C
3,67 Kg/Lt

FOLIAR APPLICATION	DOSE KG/HA
Fruit growing, Grapevine, Olive	1,4 - 1,8
Vegetables and Strawberry	1,8 - 2,2
Beetroot, Cereals, Tobacco	1 - 1,4

The use of copper-based fertilizers must be limited to cases in which there are specific nutritional needs. This use is possible in the presence of a demonstrated need and relative technical documentation (see Circular no. N.0026663 of 10/04/2018).

1 KG 5 KG 15 KG

CE BIO

QUICK-R

SPECIALS

DESCRIPTION

QUICK-R a NP organic-mineral fertilizer in suspension whose organic part is made up of a noble vegetable matrix rich in aminoacids (levorotatory). QUICK-R has a very important starter action on crops as it improves the metabolism of the crop thanks to the high presence of vegetable amino acids and making the roots develop more.

WARNINGS AND COMPATIBILITY

The product is compatible with most of both mineral and organic fluid fertilizers (including copper), however it is advisable to carry out small preliminary tests to verify compatibility. Do not mix with mineral oils. Store the product in plastic containers or tanks (e.g. polyethylene or polypropylene) and in a sufficiently cool and shaded environment. Avoid prolonged exposure to high temperatures (30-35°C) in order to avoid possible fermentation processes with possible alterations of the product characteristics.

ORGANIC-MINERAL FERTILIZER
ORGANIC-MINERAL FERTILIZER NP 3.7,5
ORGANIC-MINERAL FERTILIZER NP 3.7,5 FLUID IN SUSPENSION
ORGANIC-MINERAL FERTILIZER NP 3.7,5 IN SUSPENSION

COMPOSITION

3 %	Total nitrogen(N) of which 0.3% Organic nitrogen(N) 2.7% Nitrogen(N) urea
5,2 %	Organic matter
3 %	Organic carbon (C)
7,5 %	Sulfur dioxide (SO_3) soluble in water

CHARACTERISTICS

Appearance
Dark brown

Density at 20 °C
1.25 to 1.30 kg/Lt approx.

pH (20°C)
4 - 5

FOLIAR APPLICATION	DOSE ML/HL	PERIOD
Tomato	100 - 200	In the early stages of the cycle
Open field horticultural crops	100 - 200	In the early stages of the cycle
Horticultural crops in the greenhouse	100 - 200	In the early stages of the cycle
Pome fruit, Stone fruit, Citrus, Olive, Actinidia, Grapevine and others	150 - 300	In the early stages of the cycle
Ornamental and plant nursery	50 - 100	In the early stages of the cycle

APPLICATION IN FERTIGATION	DOSE L/HA	PERIOD
Tomato	3 - 5	In the early stages of the cycle
Open field horticultural crops	3 - 5	In the early stages of the cycle
Horticultural crops in the greenhouse	3 - 5	In the early stages of the cycle
Pome fruit, Stone fruit, Citrus, Olive, Actinidia, Grapevine and others	4 - 5	In the early stages of the cycle
Ornamental and plant nursery	4 - 5	In the early stages of the cycle

12 KG

SUPERFLO ZN 700

Improved physiological processes of the culture

DESCRIPTION

SUPERFLO Zn 700 is a highly concentrated Zinc-based formulation with a special formulation that allows rapid leaf absorption. Application of SUPERFLO Zn 700 prevents and treats some serious physiopathologies such as: small leaves with whitish apexes, stunted development (dwarfism), shortening of internodes and poor fruiting.
SUPERFLO Zn 700 plays an important physiological role in plants as it promotes seed formation and development, catalyses important metabolic processes, is essential for the stability and maintenance of the ribosome structure in protein synthesis, promotes stem elongation and encourages sugar transformation

WARNINGS AND COMPATIBILITY

The product is compatible with most fluid fertilisers, both mineral and organic. However, it is advisable to carry out small preliminary tests for compatibility, particularly when using mineral oils and copper products (plant protection products and fertilisers). Store the product in plastic containers or tanks (e.g. polyethylene or polypropylene) and in a sufficiently cool and shady place. Avoid prolonged exposure to high temperatures (30-35 °C).

PFC 1(C)(II)(a)
SIMPLE INORGANIC
MICRO-NUTRIENT FERTILISER
Fertiliser solution based on microelements

COMPOSITION

40 %	Zinc (Zn) water-soluble

CHARACTERISTICS

Appearance
White suspension

Density at 20 °C
1,70 – 1,75 Kg/Lt

Electrical conductivity (0.1%)
7-10 uS/cm

Freezing point
< 0°C

pH (20°C)
8,3 - 9,3

FOLIAR APPLICATION	DOSE L/HA	PERIOD
Actinidia	1	From bud opening until first open leaves. Repeat after harvest (before senescence)
Grapevine	1	From visual clusters until end of flowering
Pome fruit	1	Before flowering. Repeat after harvest (before senescence)
Stone fruit	1	From flowering until fruit set. Repeat after harvest (before senescence)
Hazelnut, Walnut and other nuts	1	After fertilisation and repeat after 10-14 days if necessary
Straw cereals (Wheat, Barley, etc.)	1	From tillering to beginning of harvest (1st visible node)
Maize, Sorghum	1	At 4-8 leaf stage
Rice	1	From tillering to beginning of earing
Sunflower	1	At 4-6 leaf stage
Soya and other legumes	1	From 5-15 cm seedling stage
Tomato, Pepper, Aubergine, Melon, Watermelon, Cucumber, Squash, Artichoke	1	At the 4-6 leaf stage
Other Horticultural Crops	1	At the 4-6 leaf stage
Potato	1	4 to 6 pairs of true leaves

In greenhouse applications, do not exceed a dose of 50 mL/hL by foliar application. Use only in cases of recognised need. Do not exceed recommended doses.

1,7 KG 1 L
17 KG 10 L

CE BIO NEW PRODUCT

VIGOR GREEN

SPECIALS

Increase the vigor of your crop

DESCRIPTION

VIGOR GREEN is a liquid nitrogenous organo-mineral fertilizer containing substances of vegetable origin (amino acids, peptides, various carbohydrates, sugars, vitamins), hormones of vegetable origin (Betaines, Auxins, Cytokinins, Gibberellins) and derivatives of salicylic acid with boron, potassium, calcium and magnesia.
VIGOR GREEN stimulates plants to promote growth during the most important phenological phases such as flowering, fruit set and fruit enlargement thus ensuring maximum yield in each phenological phase of the crop.
The components present in VIGOR GREEN facilitate the vegetative recovery after situations of stress of various kinds, contribute to significantly improve the qualitative and organoleptic characteristics of the crops and improve the natural defense capacity of the plants.
VIGOR GREEN used in seed treatment stimulates germination processes and favors the emergence of seedlings.

WARNINGS AND COMPATIBILITY

The product can be used with all the most common phytosanitary products and can be mixed with the main foliar and fertigation fertilizers of the Euro TSA range. Optimum temperature of use between 10°C and 30°C. It is recommended to shake and mix before application.

Organic-mineral fertilixer
Organic-mineral nitrogen fertilizer
Fluid nitrogenous organic-mineral fertilizer
in suspension
N. Reg. 0022177/18

COMPOSITION

16 %	Total nitrogen(N) of which. 0.6% Organic nitrogen(N) 1.7% Nitric nitrogen(N) 12.6% Urea nitrogen(N) 1.7% Ammonia nitrogen(N)
3 %	Organic carbon (C)
4,8 %	Organic substance

CHARACTERISTICS

Appearence
Brown liquid

Freezing point
-5 °C

Density at 20 °C
1,30 Kg/Lt approx

pH (20°C)
4 - 5

FOLIAR APPLICATION	DOSE KG/HA	PERIOD
Citrus fruits, pome fruit, stone fruit, actinidia, olive trees, table and wine grapes	2 - 2,5	4 treatments from pre-flowering to fruit enlargement
Open field horticultural crops	2 - 2,5	4 treatments from pre-flowering to fruit enlargement
Horticultural crops in the greenhouse	2 - 2,5	4 treatments from pre-flowering to fruit enlargement
Extensive crops	2 - 2,5	Treatment in combination with plant protection products
Floral	6- 7	Apply 10 days after the transplant, emission of flower buds, lengthening of floral styles

APPLICATION IN FERTIGATION	DOSE	PERIOD
Crops with fertigation systems	200 - 350 g/1000 m2	Durante tutto il ciclo

SEED TREATMENT	DOSE	PERIOD
Seed	200 - 350 g/1000 Kg seed	-

1 KG 5 KG

FERTILIZERS

BIOFERTILIZERS

Formulas highly compatible with plant metabolism.

BIOFERT N5

DESCRIPTIOON

BIOFERT N5 is an innovative organic fertiliser containing nitrogen completely of plant origin from noble plant matrix to provide valuable organic matter. BIOFERT N5 has a gradual release organic nitrogen as it is linked to the biochemical processes of the plant matrix in the soil. BIOFERT N5 minimises depth loss through percolation and surface loss through leaching.

WARNINGS AND COMPATIBILITY

The product is compatible with most fluid fertilizers both mineral and organic, however, it is recommended that small preliminary tests be carried out to check compatibility.

FLUID ORGANIC NITROGEN FERTILIZER
Fluid organic nitrogen fertilizer mixture
Allowed In Organic Farming
N. Reg. 0035581/22

COMPOSITION

5 %	Total nitrogen (N) of which 5% Organic Nitrogen (N)
>10 %	Carbon (C) organic
>20 %	Organic matter

CHARACTERISTICS

Appearance
Brown liquid

Freezing Point
-5°C

Density at 20 °C
1,18 - 1,22 Kg/Lt approx.

pH (20°C)
4,5 - 5,0

Raw material: mixture of various fluid nitrogen fertilizers

APPLICATION IN FULL FIELD RICE ROOT	DOSE KG/HA	PERIOD
Cereals (Wheat,Bbarley and other Straw cereals, Corn, Rice)	1200 - 2000	Pre-sowing
Cereals (Wheat,Bbarley and other Straw cereals, Corn, Rice)	500 - 1200	Rising phase *
Sunflower, Rapeseed, Soy	1200 - 2000	Pre-sowing
Drupaceous, Pome fruit, Olive, Citrus, Grapevine, Actinidia	300 - 500	Vegetative recovery

for conventional agriculture complete the fertilization with Fertilcereal 21 o N30

FOLIAR APPLICATION	DOSE L/HA	PERIOD
Open field horticultural and flower crops	3- 5	2 - 3 interventions from pre-flowering to fruit growth
Vegetable and flower crops in greenhouses	3- 5	2 - 3 interventions from pre-flowering to fruit growth
Leafy vegetable crops	3- 5	2 - 3 interventions in the initial stages of the crop cycle
Citrus fruits, Actinidia, Pome fruit, Stone fruit, Grapevine and Olive	3- 5	4 interventions from pre-flowering to post-setting
Straw cereals, Rice, Corn	3- 5	1 - 2 interventions from picking to earing

APPLICATION IN FERTIGATION	DOSE KG/HA	PERIOD
Pomacee, Drupacee, Citrus, Olive, Grapevine, Actinidia	300 - 500	From pre-flowering to pre-harvest
Open field horticultural crops	300 - 500	From pre-flowering to pre-harvest
Greenhouse horticultural crops	10-30 kg/1000 m²	From pre-flowering to pre-harvest
Ornamental plants	10-30 kg/1000 m²	From pre-flowering to pre-harvest

BIO

30 KG | 1000 L | 30 T

BIOFERT S

DESCRIPTION

BIOFERT S is a fluid organic nitrogen-potassium fertilizer, completely of plant origin, characterized by a high concentration of free amino acids and polypeptides with the presence of betaine and polysaccharides. BIOFERT S undergoes special filtration treatment and is suitable for use in fertigation. BIOFERT S provides significant proportions of organic nitrogen, potassium and organic matter. It is also a strong promoter of soil microbial activity.

WARNINGS AND COMPATIBILITY

The product is compatible with most liquid fertilizers; however, it is recommended that tests be carried out to test its full compatibility. Store the product in a sufficiently cool environment, avoiding prolonged exposure to high temperatures (25° - 35°) in order to avoid possible fermentation processes.

ORGANIC MANURE
ORGANIC NITROGEN FERTILIZER
ORGANIC NITROGENOUS FERTILIZER FLUID
BORLAND
PERMITTED IN ORGANIC AGRICULTURE
Reg. no. 0004696/15
UFI: HC00-Y0CQ-700M-9R2H

COMPOSITION

3 %	Total nitrogen (N) of which. 3% Organic Nitrogen (N)
6 %	Potassium oxide (K_2O) soluble in water
1,8 %	Sulfur dioxide (SO_3) soluble in water
14 %	Organic Carbon (C)
≥24 %	Organic Substance

CHARACTERISTICS

Appearance
Brown liquid

Freezing Point
-5°C

pH (20°C)
6.5 – 8.0

Density at 20 °C
1,25 Kg/Lt approx

Electrical conductivity (0.1%)
1,3 mS/cm

APPLICATION IN FULL FIELD RICE ROOT	DOSE KG/HA	PERIOD
Pome fruit, Stone fruit, Citrus, Olive, Grapevine, Actinidia	1200 - 2000	Pre-transplant or under-tree growth
Corn, Rice, Straw cereals, Tomato, Soybeans, Rapeseed, Beets, Meadow	1200 - 2000	From pre-plowing to pre-seeding or pre-transplanting

FOLIAR APPLICATION	DOSE L/HA	PERIOD
Pome fruit, Stone fruit, Citrus, Olive, Grapevine, Actinidia	3- 5	From pre-flowering to harvest
Open field horticultural crops	3- 5	From pre-flowering to harvest
Greenhouse horticultural crops	3- 5	From pre-flowering to harvest
Corn, Rice, Straw cereals, Soybeans, Sunflower, Rapeseed	3- 5	During the lifting phase in mixture with phytosanitary treatments.
Ornamental plants	3- 5	From pre-flowering to harvest

APPLICATION IN FERTIGATION	DOSE KG/HA	PERIOD
Pome fruit, Stone fruit, Citrus, Olive, Grapevine, Actinidia	200 - 300	From pre-flowering to pre-harvest
Open field horticultural crops	200 - 500	From pre-flowering to pre-harvest
Greenhouse horticultural crops	10-30 kg/1000 m2	From pre-flowering to pre-harvest
Ornamental plants	10-30 kg/1000 m2	From pre-flowering to pre-harvest

30 KG 1000 L 30 T

BIO

NF MICRO CAM

DESCRIPTION

NF MICRO CAM is an organic fertilizer consisting of a noble plant matrix rich in Amino Acids (levogiri) with added Calcium and Magnesium. NF MICRO CAM has a very important action on crops as it promotes high penetration of Calcium and Magnesium that are complexed by the plant Amino Acids, which behave like the claws of a crab. This particular formulation allows NF MICRO CAM to be effective at all stages by going to improve the metabolism of the crop due to the high presence of plant Amino Acids and to promote a better translocation within the plant of Calcium and Magnesium allowing to prevent deficiency physiopathologies and improving photosynthetic activity. NF MICRO CAM promotes increased crop resistance to a variety of stresses such as water stress, oxidative stress, cold stress, heat stress, excess salinity stress, etc.

WARNINGS AND COMPATIBILITY

The product is compatible with most fluid fertilizers, both mineral and organic (including copper), however, small preliminary tests for compatibility are recommended. Do not mix with mineral oils. Store the product in plastic containers or tanks (e.g., polyethylene or polypropylene) and in a sufficiently cool and shady environment. Avoid prolonged exposure to high temperatures (30-35°C) in order to avoid possible fermentation processes with possible alteration of product characteristics.

FLUID ORGANIC NITROGEN FERTILIZER
Viticultural fluid fertilizer with added calcium and magnesium
Allowed in organic farming
N. Reg. 0035569/22

COMPOSITION

2 %	Total Nitrogen (N)
2 %	Organic nitrogen (N)
1,5 %	Water-soluble calcium oxide (CaO)
7 %	Magnesium oxide (MgO) soluble in water Carbon
10 %	(C) organic

CHARACTERISTICS

Appearance
Dark brown

pH (20°C)
3,5 - 4,5

Density at 20 °C
1,30 - 1,35 Kg/Lt approx

FOLIAR APPLICATION	DOSE KG/HA	PERIOD
Corn, Sorghum	3- 6	2 applications at 4 - 6 leaves and at flowering
Wheat, Barley, Rice and other Straw cereals	3- 6	2 applications during picking and earing
Sugar beet	3- 6	3 applications during the leaf development phase
Rapeseed, Sunflower, Soy	3- 6	2 applications in the rising phase and at flowering
Tomato	3- 6	3-4 applications from pre-flowering to before harvest
Open field horticultural crops	3- 6	3-4 applications from pre-flowering to before harvest
Horticultural crops in the greenhouse	3- 6	3-4 applications from pre-flowering to before harvest
Pome fruit, Stone fruit, Citrus, Olive, Actinidia, Vine	3- 6	3-4 applications from pre-flowering to before harvest
Tobacco	3- 6	3-4 applications during leaf development
Ornamental	3- 6	3-4 applications during the plant cycle

This product is governed by Regulation (EU) 2019/1148: all suspicious transitions and significant disappearances and thefts must be reported to the relevant national contact point.

BIO

6 KG 30 KG 1000 L

NF MICRO FE.ZN.B

BIOFERTILIZERS

DESCRIPTION

NF MICRO FE.ZN.B is a mixture of three trace elements such as Boron (B), Iron (Fe) and Zinc (Zn) that are complexed by a special matrix. The presence of the noble matrix within NF MICRO FE.ZN.B allows the contained trace elements to be highly available to the culture. This matrix binds to the individual ions of the microelements generating a complex analogous to the claws of a crab, thus both foliar and root penetration is promoted allowing the individual elements to best perform their actions at the metabolic and enzymatic levels. NF MICRO FE.ZN.B is suitable for the entire crop cycle by performing its maximum function at times of stress as the highly available microelements allow the crop to be kept active. NF MICRO FE.ZN.B is specially designed to prevent and treat chlorosis and multiple deficiencies through foliar applications on all crops. NF MICRO FE.ZN.B provides crops with three important microelements (Iron, Zinc, and Boron) to carry out certain functions such as chlorophyll formation, more intense leaf and fruit coloration, and flower fertilization.

WARNINGS AND COMPATIBILITY

The product is compatible with most fluid fertilizers, both mineral and organic (including copper), however, small preliminary tests for compatibility are recommended. Do not mix with mineral oils. Store the product in plastic containers or tanks (e.g., polyethylene or polypropylene) and in a sufficiently cool and shady environment. Avoid prolonged exposure to high temperatures (30-35 °C) in order to avoid possible fermentation processes with possible alteration of product characteristics.

PFC 1(B)(II)

LIQUID ORGANO-MINERAL FERTILIZER

COMPOSITION

2 %	Total phosphoric anhydride (P_2O_5)
2 %	Boron (B) total
2 %	Iron (Fe) total chelated with EDTA
2 %	Zinc (Zn) total chelated with EDTA
5 %	Carbonio organico (C_{org})

CHARACTERISTICS

Appearance
Viscous brown suspension

Density at 20 °C
1,25 - 1,30 Kg/Lt APPROX

pH (20°C)
5 - 6

FOLIAR APPLICATION	DOSE KG/HA	PERIOD
Corn, Sorghum	3- 6	2 applications at 4 - 6 leaves and at flowering
Wheat, Barley, Rice and other Straw cereals	3- 6	2 applications during picking and earing
Sugar beet	3- 6	3 applications during the leaf development phase
Rapeseed, Sunflower, Soy	3- 6	2 applications in the rising phase and at flowering
Tomato	3- 6	3 - 4 applications from pre-flowering to before harvest
Open field horticultural crops	3- 6	3 - 4 applications from pre-flowering to before harvest
Horticultural crops in the greenhouse	3- 6	3 - 4 applications from pre-flowering to before harvest
Pome fruit, Stone fruit, Citrus, Olive, Actinidia, Vine	3- 6	3 - 4 applications from pre-flowering to before harvest
Tobacco	3- 6	3 - 4 applications during leaf development
Ornamental	3- 6	3 - 4 applications during the plant cycle

6 KG 30 KG 1000 L

CE BIO

NF MICRO MIX

DESCRIPTION

NF MICRO MIX is a mixture of different trace elements such as Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn), Molybdenum (Mo), and Zinc (Zn) with added Sulfur that are complexed by a special matrix. The presence of the noble matrix within NF MICRO MIX allows the contained trace elements to be highly available to the culture. This matrix binds to the individual ions of the microelements generating a complex analogous to the claws of a crab, in this way both foliar and root penetration is promoted allowing the individual elements to best carry out their actions at the metabolic and enzymatic levels. NF MICRO MIX is suitable for the entire crop cycle by performing its maximum function at times of stress as the highly available trace elements keep the crop active. NF MICRO MIX is specially designed to prevent and treat chlorosis and multiple deficiencies through foliar applications on all crops. Multiple deficiencies, caused by the low presence of two or more elements, are difficult to diagnose and cause serious damage to plant physiology and in the most severe cases can impair plant production and vitality.

WARNINGS AND COMPATIBILITY

The product is compatible with most fluid fertilizers, both mineral and organic (including copper), however, small preliminary tests for compatibility are recommended. Do not mix with mineral oils. Store the product in plastic containers or tanks (e.g., polyethylene or polypropylene) and in a sufficiently cool and shady environment. Avoid prolonged exposure to high temperatures (30-35 °C) in order to avoid possible fermentation processes with possible alteration of product characteristics.

PFC 1(B)(II)

LIQUID MINERAL ORGAN FERTILIZER

COMPOSITION

2,6 %	Total Nitrogen (N)
2,6 %	Organic nitrogen (Norg), from the food industry
3,3 %	Phosphorus pentoxide (P_2O_5) total
2,6 %	Potassium oxide (K_2O) total
0,5 %	Water-soluble sulfur dioxide (SO_3)
0,5 %	Boron (B) total
0,5 %	Copper (Cu) total
0,5 %	Iron (Fe) total chelated with EDTA
0,5 %	Total Manganese (Mn) 0.3% Manganese (Mn) water-soluble 0.2% Manganese (Mn) chelated with EDTA
0,5 %	Total molybdenum (Mo)
0,5 %	Zinc (Zn) total chelated with EDTA
8 %	Organic carbon (C_{org})
50 %	Dry matter

CHARACTERISTICS

Appearance
Dark green suspension

Freezing point
< 0°C

Density at 20 °C
1,20-1,25 Kg/Lt approx

pH (20°C)
4 - 5

FOLIAR APPLICATION	DOSE KG/HA	PERIOD
Corn, Sorghum	3- 6	2 applications at 4 - 6 leaves and at flowering
Wheat, Barley, Rice and other Straw cereals	3- 6	2 applications during picking and earing
Sugar beet	3- 6	3 applications during the leaf development phase
Rapeseed, Sunflower, Soy	3- 6	2 applications in the rising phase and at flowering
Tomato	3- 6	3 - 4 applications from pre-flowering to before harvest
Open field horticultural crops	3- 6	3 - 4 applications from pre-flowering to before harvest
Horticultural crops in the greenhouse	3- 6	3 - 4 applications from pre-flowering to before harvest
Pome fruit, Stone fruit, Citrus, Olive, Actinidia, Vine	3- 6	3 - 4 applications from pre-flowering to before harvest
Tobacco	3- 6	3 - 4 applications during leaf development
Ornamental	3- 6	3 - 4 applications during the plant cycle

CE BIO

6 KG 30 KG 1000 L

NATURAL FORCE

BIOFERTILIZERS

Energy from vegetable amino acids

ORGANIC FERTILIZER
ORGANIC NITROGEN FERTILIZER
FLUID ORGANIC NITROGEN FERTILIZER NPK 3,2-3,9-3,2
FLUID AGRI-FOOD VINASSE OF FRUIT AND CEREALS
ALLOWED IN ORGANIC FARMING
N. Reg. 0012866/15

DESCRIPTION

NATURAL FORCE Fluid protein concentrate completely of vegetable origin with a high content of free amino acids (31%), low m.w. peptones, vitamins, macro and micro elements. It allows the plant to save energy on all protein, enzymatic and sugar synthesis processes. They are indicated for overcoming all the stress conditions of the crop.

WARNINGS AND COMPATIBILITY

The product is compatible with most of both mineral and organic fluid fertilizers, however it is advisable to carry out small preliminary tests to verify compatibility. Given the adhesive and carrier properties of Natural force, when making mixtures based on Natural force 3 kg/ha with cupric formulations (phytosanitary products or fertilisers), reduce the contribution of the cupric formulation by 30-40% compared to the minimum dose of recommended label.
Do not mix Natural Force with mineral oils.
Store the product in plastic containers or tanks (e.g. polyethylene or polypropylene) and in a sufficiently cool and shaded environment. Avoid prolonged exposure to high temperatures (30-35 °C) in order to avoid possible fermentation processes with possible alterations of the product characteristics.

COMPOSITION

3,2 %	Total nitrogen (N) including 3.2% organic nitrogen (N)
3,9 %	Phosphorus pentoxide (P_2O_5) soluble in water
3,2 %	Potassium Oxide (K_2O) soluble in water Organic
>10 %	Organic Carbon (C)

CHARACTERISTICS

Appearance
Dark brown dense liquid

Density at 20 °C
1,20 - 1,25 Kg/Lt approx

Electrical conductivity (0.1%)
16,4 mS/m

pH (20°C)
3,5 - 4,5

PLANT PROTEINS AND AMINO ACIDS OF NATURAL FORCE

Glutamine	*1,66%*	Arginine	*1,52%*	Alanine	*5,26%*	Cysteine	*< 0,04%*	Methionine	*0,90%*
Istidine	*0,96%*	Glycine	*2,98%*	Usine	*2,14%*	Proline	*2,17%*	Leucine + Isoleucine	*2,27%*
Tryptophan	*0,34%*	Asparagine	*1,14%*	Aspartic Ac.	*1,80%*	Threonine	*2,24%*	Tyrosine	*1,71%*
Phenylalanine	*1,42%*	Serine	*2,19%*	Glutamic Ac.	*1,29%*	Valine	*2,29%*		

FOLIAR APPLICATION	DOSE L/HA	PERIOD
Open field horticultural and flower crops	3- 5	2 - 3 interventions from pre-flowering to fruit growth
Vegetable and flower crops in greenhouses	3- 5	2 - 3 interventions from pre-flowering to fruit growth
Leafy vegetable crops	3- 5	2 - 3 interventions in the initial stages of the crop cycle
Citrus fruits, Actinidia, Pome fruit, Stone fruit, Grapevine and Olive	3- 5	4 interventions from pre-flowering to post-setting
Straw cereals, Rice	3- 5	1 - 2 interventions from picking to earing

The values quoted refer to spraying carried out with normal volume equipment.

APPLICATION IN FERTIGATION	DOSE L/HA	PERIOD
Pome fruit, Stone fruit, Citrus, Olive, Grapevine, Actinidia	30 - 60	From pre-flowering to pre-harvest
Open field horticultural crops	40 - 80	From pre-flowering to pre-harvest
Greenhouse horticultural crops	30 - 50	From pre-flowering to pre-harvest
Ornamental plants	50 - 70	From pre-flowering to pre-harvest

1 L | 6 KG | 30 KG | 1000 L

BIO bioagricert INPUTS VEGAN

FERTILIZERS

POTASSICS

Specially developed line to promote sugar accumulation in the fruit.

K 30

POTASSICS

Fluid simple potassium mineral fertilizer
Solution of potash salts
B.T.C. (low in chlorides)
N.Reg. 0004698/15

DESCRIPTION

A line specially developed to promote sugar accumulation in the fruit. K30 is a liquid fertilizer in solution with a high Potassium content. Potassium is the ordering element of plant vegetative functions. This element is vital in chlorophyll photosynthesis, sugar and starch synthesis. Its decisive function is in fruiting and imparting better quality to all kinds of crops: in practice, good potassium fertilization results in better qualitative and quantitative fruit yields. Potassium-treated plants are found to be more robust and resistant to climatic adversity and low water availability; flower coloration is also intensified and fruit flavor, color and shelf life are improved.

WARNINGS AND COMPATIBILITY

Use as is. Do not mix. You can mix with N30 only after dilution in water.

COMPOSITION

30 % Water-soluble potassium oxide (K_2O)

CHARACTERISTICS

Appearance
Clear colorless solution

Density at 20 °C
1,43 - 1,45 Kg/Lt approx

Electrical conductivity (0.1%)
1,20 mS/cm

Freezing Point
-6°C

pH (20°C)
9 - 10

APPLICATION IN FERTIGATION	DOSE KG/HA	PERIOD
Pome fruit, Stone fruit, Actinidia, Olive trees, Nuts and other Fruit trees	200 - 250	From the post-setting phase onwards
Grapevine	150 - 200	From the post-setting phase onwards
Citrus fruits	200 - 300	From the post-setting phase onwards
Open field vegetable crops Vegetable	150 - 200	From the post-setting phase onwards
Crops in the greenhouse	50 - 100	From the post-setting phase onwards
Floral	30 - 50	From the post-setting phase onwards

The definition of the dose to be applied to the crop concerned must be established taking into consideration the fertility of the soil and the physiological state of the plant.

30 KG 1000 L 30 T

POTASSIO TIOSOLFATO

POTASSICS

Simple potassium mineral fertilizer fluid
Potassium thiosulfate solution
N. Reg. 0004702/15

DESCRIPTION

POTASSIO TIOSOLFATO is a fertilizer in solution with a high concentration of potassium (25% K20)) and sulfur (42% S03) which, thanks to the original synthesis process, combines the fertilizing function of potassium with a series of properties not found in other fertilizers potassium:
- thanks to the action of the thiosulphate anion, a moderate inhibitor of the nitrification processes and of urease, it allows to significantly reduce the losses of nitrogen due to volatilization and leaching;
- increases the degree of assimilation of phosphates by virtue of the reducing and acidifying action carried out in the soil layers explored by the roots;
- brings considerable quantities of elemental sulfur (fertilizing and corrective action);
- protects microelements such as iron and manganese from insolubilization phenomena, reducing manifestations of chlorosis and microdeficiencies.

The particular formulation of POTASSIO TIOSOLFATO of EURO TSA, due to its total absence of chlorine, is particularly suitable for use in fertigation on horticultural crops and for foliar applications on fruit crops and vines.

COMPOSITION

25 %	Potassium Oxide (K_2O) soluble in water
42 %	Sulfuric anhydride (SO_3) soluble in water
39,5%	Sulfuric anhydride (SO_3) from thiosulfate soluble in water

CHARACTERISTICS

Appearance
Colorless to slightly yellow liquid

Density at 20 °C
1,45–1,50 Kg/Lt approx

Electrical conductivity (0.1%)
1,14 mS/cm

Freezing Point
-10°C

pH (20°C)
7.5 – 8.5

WARNINGS AND COMPATIBILITY

Miscible with most liquid products to be checked from time to time. Avoid acidic solutions with a pH below 4.8. In the case of equipment with parts in tin, copper and related alloys, it is advisable to wash the equipment thoroughly after use. Apply during the coolest hours of the day.

DOSE AND METHOD OF USE

The definition of the dose to be applied to the crop concerned must be established taking into consideration the fertility of the soil and the physiological state of the crop.

30 KG 1000 L 30 T

RED K

POTASSICS

DESCRIPTION

RED-K is a liquid fertilizer in solution with a high potassium conten. RED-K, thanks to its particular formulation, has a decisive function which manifests itself in better fruiting and gives a better quality to every type of crop. Potassium is the ordering element of the vegetative functions of the plant and is of vital importance in chlorophyll photosynthesis, in the synthesis of sugars and starches. The plants treated with RED-K are more robust and resistant to adverse climatic conditions and scarce water availability; the color of the flowers is also intensified and the flavour, color and shelf life of the fruit are improved.

PFC 1(C)(I)(b)(i)
SIMPLE LIQUID INORGANIC FERTILIZER
BASED ON MACROELEMENTS
K 42 fertilizer in solution

COMPOSITION

42 %	Water-soluble potassium oxide (K_2O)

CHARACTERISTICS

Appearance
Clear straw-colored liquid

Density at 20 °C
1,57-1,58 Kg/Lt

pH (20°C)
9 - 10

FOLIAR APPLICATION	DOSE KG/HA	PERIOD
Citrus fruits, pome fruit, stone fruit, actinidia, olive trees, table and wine grapes	3- 4	4 treatments from fruit enlargement to harvesting
Open field horticultural crops	3- 4	4 treatments from fruit enlargement to harvesting
Greenhouse horticultural crops	3- 4	4 treatments from fruit enlargement to harvesting
Extensive crops	3- 4	Treatment in combination with plant protection products
Floral	3- 4	Apply 10 days after the transplant, emission of flower buds, lengthening of floral styles

APPLICATION IN FERTIGATION	DOSE KG/HA	PERIOD
Crops with fertigation systems	40 - 60	Throughout the cycle

6 KG 30 KG 1000 L 30 T

CE

FERTILIZERS

CLEAN SOLUTION

High-efficiency fluid mine fertilizers suitable for tree, horticultural and floricultural crops.

CS NPK 10.5.5 + 2 MGO

CLEAN SOLUTION

PFC 1(C)(I)(b)(ii)
COMPOUNDED LIQUID INORGANIC
FERTILIZER BASED ON MACROELEMENTS
NPK (Mg) fertilizer, 10-5-5 (+2) in solution

CHARACTERISTICS

Appearance
Clear colorless solution

Density at 20 °C
1,20 - 1,30 Kg/Lt approx

Freezing point
-5°C

pH (20°C)
< 1

COMPOSITION

10 %	Total nitrogen (N) 2.5% Nitrate nitrogen (N) 2.5% Nitrogen (N) ammonia 5% Nitrogen (N) urea
5 %	Total Phosphorus Dioxide (P_2O_5) 5% Phosphorus pentoxide (P_2O_5) water-soluble
5 %	Potassium oxide (K_2O) water-soluble
2 %	Magnesium oxide (MgO) water-soluble

APPLICATION IN FERTIGATION	DOSE KG/HA	PERIOD
Actinidia, Grapevine, Hazel, Pome fruit, Stone fruit	600 - 800	Throughout the growing cycle
Open field horticultural crops	200 - 300	From pre-flowering to fruit development
Horticultural crops in the greenhouse	150 - 200	From pre-flowering to fruit development
Ornamental plants	300 - 500	Throughout the growing cycle

30 KG 1000 L 30 T

CE

CS NPK 12.12.12

CLEAN SOLUTION

PFC 1(C)(I)(b)(ii)
COMPOUNDED LIQUID INORGANIC
FERTILIZER BASED ON MACROELEMENTS
NPK 12-12-12 fertilizer in solution

CHARACTERISTICS

Appearance
Liquid

Freezing Point
-5°C

pH (20°C)
8 - 10

Density at 20 °C
1,3 - 1,4 Kg/Lt approx

Electrical conductivity (0.1%)
0,9 mS/cm

COMPOSITION

12 %	Total Nitrogen (N) 12% Urea Nitrogen (N)
12 %	Total Phosphorus Dioxide (P_2O_5) 12% Phosphorus pentoxide (P_2O_5) water soluble
12 %	Water-soluble Potassium Oxide (K_2O)

FOLIAR APPLICATIONS	DOSE KG/HA	PERIOD
Drupaceous, Pome fruit, Actinidia, Nuts, Citrus, Vine, Olive	2 - 3	
Open field horticultural crops	2 - 3	From vegetative growth throughout the production cycle
Horticultural crops in the greenhouse	2 - 3	From vegetative growth throughout the production cycle
Flower crops	2 - 3	From vegetative growth throughout the production cycle

APPLICATION IN FERTIGATION	DOSE KG/1000M2	PERIOD
Drupaceous, Pome fruit, Actinidia, Nuts, Citrus, Vine, Olive	4 - 6	From vegetative growth throughout the production cycle
Open field horticultural crops	3 - 5	From vegetative growth throughout the production cycle
Colture Horticultural crops in the greenhousein serra	3 - 5	From vegetative growth throughout the production cycle
Flower crops	2 - 4	From vegetative growth throughout the production cycle

For fertigation the dosages are indicative; they can change depending on the units of nutrients that you want to bring.

CE

30 KG 1000 L 30 T

CS NPK 14.7.7

CLEAN SOLUTION

PFC 1(C)(I)(b)(ii)
COMPOUNDED LIQUID INORGANIC
FERTILIZER BASED ON MACROELEMENTS
NPK 14-7-7 fertilizer in solution

CHARACTERISTICS

Appearance
Light brown opalescent liquid

Freezing point
-5°C

pH (20°C)
5 - 6

Density at 20 °C
1,2 Kg/Lt approx

Electrical conductivity (0.1%)
0,9 mS/cm

COMPOSITION

14 %	Nitrogen (N) total 2.5% Ammonia nitrogen (N) 11.5% Urea nitrogen (N)
7 %	Total Phosphorus Dioxide (P_2O_5) 7% Phosphorus pentoxide (P_2O_5) water-soluble
7 %	Potassium Oxide (K_2O) water-soluble

FOLIAR APPLICATIONS	DOSE KG/HA	PERIOD
Drupaceous, Pome fruit, Actinidia, Nuts, Citrus, Vine, Olive	2 - 3	
Open field horticultural crops	2 - 3	From vegetative growth throughout the production cycle
Horticultural crops in the greenhouse	2 - 3	From vegetative growth throughout the production cycle
Flower crops	2 - 3	From vegetative growth throughout the production cycle

APPLICATION IN FERTIGATION	DOSE KG/1000M2	PERIOD
Drupaceous, Pome fruit, Actinidia, Nuts, Citrus, Vine, Olive	4 - 6	From vegetative growth throughout the production cycle
Open field horticultural crops	3 - 5	From vegetative growth throughout the production cycle
Colture Horticultural crops in the greenhousein serra	3 - 5	From vegetative growth throughout the production cycle
Flower crops	2 - 4	From vegetative growth throughout the production cycle

For fertigation the dosages are indicative; they can change depending on the units of nutrients that you want to bring.

30 KG 1000 L 30 T

CE

CS NPK 4.8.12

CLEAN SOLUTION

PFC 1(C)(I)(b)(ii)
COMPOUND LIQUID INORGANIC FERTILIZER
MACROELEMENT-BASED
NPK 4-8-12 fertilizer in solution, low in chlorides B.T.C.

CHARACTERISTICS

Appearance
Soft yellow opalescent liquid

Freezing Point
-5°C

pH (20°C)
5 - 7

Density at 20 °C
1,21 Kg/Lt approx

Electrical conductivity (0.1%)
1 mS/cm

COMPOSITION

4 %	Total Nitrogen (N) 4% Urea Nitrogen (N)
8 %	Total Phosphorus Dioxide (P_2O_5) 8% Phosphorus pentoxide (P_2O_5) water-soluble
12 %	Water-soluble Potassium Oxide (K_2O)

FOLIAR APPLICATIONS	DOSE KG/HA	PERIOD
Drupaceous, Pome fruit, Actinidia, Nuts, Citrus, Vine, Olive	2 - 3	
Open field horticultural crops	2 - 3	From vegetative growth throughout the production cycle
Horticultural crops in the greenhouse	2 - 3	From vegetative growth throughout the production cycle
Flower crops	2 - 3	From vegetative growth throughout the production cycle

APPLICATION IN FERTIGATION	DOSE KG/1000M2	PERIOD
Drupaceous, Pome fruit, Actinidia, Nuts, Citrus, Vine, Olive	4 - 6	From vegetative growth throughout the production cycle
Open field horticultural crops	3 - 5	From vegetative growth throughout the production cycle
Colture Horticultural crops in the greenhousein serra	3 - 5	From vegetative growth throughout the production cycle
Flower crops	2 - 4	From vegetative growth throughout the production cycle

For fertigation the dosages are indicative; they can change depending on the units of nutrients that you want to bring.

CE

30 KG 1000 L 30 T

PHYTOSANITARY PRODUCTS

FUNGICIDES

*Use plant protection products with caution.
Always read the label and product information before use.

ACTICLASTER

FUNGICIDES

Improves downy mildew resistance and production yield quality

DESCRIPTION

ACTICLASTER® is a fungicide based on potassium phosphonate. The active ingredient is characterized by remarkable mobility in plants, and due to its systemicity, which occurs in an ascending and descending manner, it is absorbed by leaves and roots and also ensures the protection of vegetation that forms after treatment.
ACTICLASTER® stimulates natural plant defenses that produce certain substances, which accumulate, such as phytoalexins that possess activity against pathogenic fungi, mainly oomycetes, inhibiting spore germination and blocking mycelium development.

WARNINGS AND COMPATIBILITY

Use coveralls and suitable nitrile gloves when mixing, loading, applying product, cleaning equipment, and during re-entry activities. Do not re-enter the treated area until the vegetation is completely dry.

RESISTANCE

To avoid or delay the onset of resistance, follow label directions and apply ACTICLASTER® preventively.

FUNGICIDE FOR CONTROLLING DOWNY MILDEW OF VINES AND TOMATOES
Mechanism of action Frac Code P07 (33)

COMPOSITION

Pure Potassium Phosphonate 43,9% (= 597 g/L)

FORMULATION

Soluble liquid (SL)

REGISTRATION No.

no. 18038 from 22/04/22

INDICATION OF DANGER

-

FOLIAR APPLICATION	INTERVAL BETWEEN TREATMENTS	PARASITE	TIME OF APPLICATION	DOSE (L/HA)	MAXIMUM NUMBER OF TREATMENTS / INTERVAL
Tomato (Greenhouse)	14 dd	Peronospora (Phytophthora infestans)	BBCH 11 - BBCH 70 From true leaves to the beginning of fruit development	3.5	5 7 - 10 dd

1 L 5 L

BRIONFLO 100 SC

FUNGICIDES

DESCRIPTION

BRIONFLO®100 SC is a fungicide based on Cyazofamide (Cyanoimidazole family) which has excellent activity against downy mildew of grapevine, tomato and potato.
BRIONFLO®100 SC acts on different stages of the biological cycle of downy mildew by inhibiting the germination of zoospores, the germination of sporangia, the growth of mycelium and the formation of sporangiphores and spores.

COMPATIBILITY

The product is compatible with commonly used insecticides and fungicides. In case of extemporaneous mixture with other formulations, carry out a physico-chemical compatibility test beforehand.

RESISTENCE

To avoid or delay the onset of resistance phenomena, follow the instructions on the label and apply BRIONFLO®100 SC beforehand.

FUNGICIDE for the control of downy mildew of grapevine, tomato and potato
MECHANISM OF ACTION code FRAC 21

COMPOSITION

Pure cyazophamide 9,5% (= 100 g/L)

FORMULATION

Suspension Concentrate (SC)

REGISTRATION No.

No. 16947 from 16.01.2020

INDICATION OF DANGER

FOLIAR APPLICATION	INTERVAL BETWEEN TREATMENTS	PARASITE	TIME OF APPLICATION	DOSE (L/HA)	MAXIMUM NUMBER TREATMENTS / INTERVALS
Grapevine	21 dd	Peronospora (Phytophthora viticola)	BBCH 11 - 89 (from pre-flowering to ripening)	0,9 - 1,1	4 8-10 dd (at minimal dose) 12-14 dd (at max dose)
Tomato (from industry and canteen) in open fields and greenhouses	3 dd	Peronospora (Phytophthora infestans)	BBCH 12 - 89 (from pre-flowering to ripening)	0,8	6 7-10 dd
Potato	7 dd	Peronospora (Phytophthora infestans)	BBCH 12 - 89 (from leaf development to pre-harvest)	0,8	6 5 - 7d (up to 10 in case of low risk)

1 L 5 L

IMPORT TOLLERANCE USA

PHYTOSANITARY PRODUCTS

INSETTICIDES

*Use plant protection products with caution.
Always read the label and product information before use.

MICROSED GEO

INSETTICIDES

Defense and nutrition in a single microgranule

DESCRIPTION

MICROSED GEO is a pyrethroid insecticide in microgranular formulation based on Tefluthrin on a support consisting of Nitrogen and Phosphoto (NP 11.47), effective by contact against the main terrestrial arthropods that infest agricultural crops. MICROSED GEO acts by contact and, thanks to a marked vapor phase, also exerts a significant repellent activity which helps to enhance the protective efficacy.
MICROSED GEO must be distributed localized only in the seeding or transplant furrow using microgranulators and must always be buried.

COMPOSITION

Tefluthrin 0,5%

FORMULATION

Microgranular with a diameter of 0,3 - 1,0 mm

REGISTRATION No.

No. 12090 del19.01.2006

INDICATION OF DANGER

WARNINGS AND COMPATIBILITY

The product must be used alone. Do not contaminate water with the product or its container. [Do not clean the application equipment near surface water. Avoid contamination through drains from farms and roads]. Use gloves and EN 149 FFP2 filter mask during the product loading phase and gloves during application. Do not apply with hand tools. To protect aquatic organisms, respect a vegetated strip not treated by surface water bodies of 5 meters for fruiting vegetables, 10 meters for leafy vegetables, root vegetables, soybeans and tobacco.

SOIL APPLICATION	TIME OF SHORTAGE	DOSE (L/HA)	PARASITES
Sugar beet	-	12 - 15	Agriotes spp., Chaetocnema tibialis, Atomaria linearis, Scutigerella immaculata, Tipula spp
Wheat	-	10 - 12 12 - 15	Bibio hortulanus, Hylemya spp., Scutigerella immaculata, Tipula spp. Agriotes spp., Melolontha melolontha
Corn, Sweet corn, Sorghum	-	12 - 15	Agriotes spp., Agrotis spp., Diabrotica spp., Scutigerella immaculata, Tipula spp., Hylemya spp.
Sunflower, Soy	-	12 - 15	Agriotes spp., Agrotis spp., Chaetocnema tibialis, Hylemya spp
VEGETABLES (Tomato, Aubergine, Carrot, Turnip, Turnip, Melon, Watermelon, Cucumber, Cauliflower, Cabbage, Dolcetta, Watercress and other sprouts and buds, Barbarea, Rocket, Mustard juncea, Bean, Pea, Green bean, Celery, Fennel) *	-	12 - 15	Agriotes spp., Agrotis spp., Chaetocnema tibialis, Ceutorhynchus pleurostigma, Blaniulusguttulatus, Hylemya spp., Chamaepsila rosae, Tipula spp., Melolontha melolontha, Centipeda spp
Potato	-	12 - 15	Agriotes spp.
Tobacco	-	12 - 15	Agriotes spp., Agrotis spp., Tipula spp

* only at sowing for Carrot, Bean, Pea, Green Bean, Celery, Fennel

10 KG

PHYTOSANITARY PRODUCTS

ADJUVANT

To increase the effectiveness of your products.

*Use plant protection products with caution.
Always read the label and product information before use.

CLEANCLASTER

ADJUVANT

The only approved adjuvant for Glyphosate and all post-emergence weed killers

DESCRIPTION
CLEANCLASTER is a new generation adjuvant which ensures faster absorption and a more efficient and effective translocation of herbicides in the basipetal and acropetal directions, enhancing their mode of action and reducing product losses during treatment.
CLEANCLASTER enhances the activity of all systemic and post-emergence herbicides even in the presence of highly developed weeds or in non-optimal vegetative conditions. Optimal results can also be obtained against weeds considered on average and scarcely sensitive to the use of herbicides.
The addition of CLEANCLASTER allows to obtain a greater promptness of action even at low temperatures

WARNINGS
In case of mixing with other formulations, the longest waiting period must be respected. The precautionary rules prescribed for the most toxic products must also be observed. In the event of cases of intoxication, inform the doctor of the mixing performed.

COMPATIBILITY
The product must not be mixed with alkaline reaction products and with products containing calcium.

DOSES AND METHOD OF USE
It is used in a mixture with all systemic and post-emergence herbicides and in the case of a mixture with systemic formulations based on Glyphosate it allows to reduce the doses of product normally used by up to 50%, with considerable environmental benefit.

NOTE
It is recommended to put CLEANCLASTER into the barrel first for acidify the solution and then put the other herbicides

COMPOSITION
Magnesium phosphonate g. 36,6 (478.2 g/L)

FORMULATION
Soluble Concentrate (SL)

REGISTRATION NO.
16208 from 12.01.2018

INDICATION OF DANGER
-

SUBSTANCE	DOSE KG/HA	PERIOD
Post-emergence herbicide	1 - 1,5	Use the dose according to the weeds and the vegetative stage in which it is applied
Glyphosate	1	Dosage indicated on the label for glyphosate-based formulations
	1,5	50% of the dosage indicated on the label for glyphosate-based formulations

1 L 5 L

“My name is Gianluca Bernardis and, together with my family, I run a farm in which we deal with dairy cattle and Bio Gas plants. Thanks to Euro Tsa, 10 years ago, we started liquid fertilization of our crops. Euro TSA always manages to be there thanks to their technicians and never lets us lack the products we use. We have found in Euro TSA a company always available and ready to fulfill our needs.”

Gianluca Bernardis
AZIENDA AGRICOLA BERNARDIS
EURO TSA customer since 2010

YEAR 202

TECHNICAL LINES

Each phenological stage is accompanied by the "BBCH Phenological Scale" with its description of the crop's phenological development.

What is the BBCH Phenological Scale?
The BBCH Phenological Scale is a numerical system designed to uniformly code all phenological stages of crops. Each developmental stage is indicated by a number and/or range of numbers that describe for the crop and/or botanical family under consideration, the respective stage of development.

In the upper part of the technical lines, products allowed in organic farming have been shown by means of a green box. In the lower part, products allowed in integrated agriculture have been reported by means of a red box.

NB. Products allowed in organic farming can also be used in integrated farming.


FOLIAR APPLICATION


SOIL APPLICATION


FERTIGATION APPLICATION


7-HOLE NOZZLE


SEED TREATMENT

WHEAT

CEREALS

		12-20	21-29	30-36	37-39	41-49	51-59	61-69	71-89	97-99
Pre-sowing	Sowing	More leaves spread out	Cultivation	Rising	Flag leaf	Booting	Earing	Flowering	Maturation	Dead Plant Harvested product
1200-2200 Kg/ha BIOFERT S	35-50 Kg/ha MICROSEED BIO		20 L/ha NATURAL FORCE				1 Kg/ha BLACK HUMONAS + 1 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD			
	30 Kg/ha MICROSEED		7 hole nozzles: 400 Kg/ha FERTILCEREAL 21 DCD			30 Kg/ha GREEN LAST VEG				
	50-60 Kg/ha GRANOFOS Zn SUPER		3-5 L/ha NF MICRO MIX + 1 L/ha SUPERFLO ZN 700							
1-1,5 L/ha CLEANCLASTER + GLIFOSATE			1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDES							

RICE

CEREALS

		11-19	21-29	30-39	41-49	51-59	61-69	71-89
Pre-sowing	Sowing	Extended faults	Cultivation	Panicle formation and doffing	Booting	Earing	Flowering	MaturationHarvesting
1200-2200 Kg/ha BIOFERT S	35-50 Kg/ha MICROSEED BIO	3 L/ha NATURAL FORCE + 3Kg/ha BLACK HUMONAS + 1 L/ha SUPERFLO ZN 700			1,5 L/ha CUPRON ULD + 20 L/ha NATURAL FORCE			
	30 Kg/ha AZOFOS SP. 24.10 DCD		300 L/ha FERTIRIS 21 DCD (ugelli a induzione)					
	30 Kg/ha MICROSEED AIR 02		25-30 Kg/ha GREEN LAST VEG					
1-1,5 L/ha CLEANCLASTER + GLIFOSATE			3-5 L/ha NF MICRO MIX + 1 L/ha SUPERFLO ZN 700					
		1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDES						

CORN

CEREALS

		13-19	30-39	51-57	61-67	69	71-89	97-99
Pre-sowing	Sowing	From 3 unfolded or more spread leaves	Culm lengthening	Plume emergence earing	Flowering	End of flowering	Maturation	Dead Plant Harvested
1200-2200 Kg/ha BIOFERT S	35-45 Kg/ha MICROSEED BIO	5 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700	20 L/ha NATURAL FORCE	3 Kg/ha BLACK HUMONAS + 3 L/ha NATURAL FORCE				
		30 Kg/ha GREEN LAST VEG						
	30 Kg/ha MICROSEED	Calate: 600 Kg/ha FERTILCEREAL 21 DCD or *400 Kg/ha N30 DCD						
	50-60 Kg/ha GRANOFOS Zn SUPER	3 - 5 L/ha NF MICRO MIX + 1 L/ha SUPERFLO ZN 700						
		600 Kg/ha FERTILCEREAL 21 DCD or 400 Kg/ha N30 DCD + 40 L/ha NATURAL FORCE						
1-1,5 L/ha CLEANCLASTER + GLIFOSATE	12-15 Kg/ha MICROSED GEO	1-1,5 L/ha CLEANCLASTER + POST EMERGENCY HERBICIDES						

SUNFLOWER

INDUSTRIALS

		10-19	30-39	51-59	61-69	71-79	80-89	92-99
Pre-sowing	Sowing	Leaf development: 2 to 9 or more leaves unfurled	Stem elongation	Inflorescence emission	From the beginning to the end of flowering	Fruit development: seeds reach final size	Maturation	Maturation Harvest
1200-2200 Kg/ha BIOFERT S	30-50 Kg/ha MICROSEED BIO	3-5 L/ha NATURAL FORCE + 3 L/ha BORON CARE + 1 L/ha SUPERFLO ZN 700						
		Calate: 500 Kg/ha FERTILCEREAL 21 DCD						
	30 Kg/ha MICROSEED	3-5 L/ha NF MICRO MIX + 1 L/ha SUPERFLO ZN 700						
1-1,5 L/ha CLEANCLASTER + GLIFOSATE	12-15 Kg/ha MICROSEED GEO	1-1,5 L/ha CLEANCLASTER + OST EMERGENCY HERBICIDES						

RAPESEED

INDUSTRIALS

		12-19	20-29	30-39	50-59	60-69	71-79	80-89	99
Pre-sowing	Sowing	Leaf development up to 9 or more spread leaves	Lateral shoot formation	Stretching stem	Spill of the inflorescence: "Yellow Button"	From the beginning to the end of flowering	Silique	From start to full maturation	Harvest
1200-2200 Kg/ha BIOFERT S	30-50 Kg/ha MICROSEED BIO	3-5 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700			3 L/ha NATURAL FORCE + 1 L/ha BORON CARE		3 L/ha NATURAL FORCE + 3 L/ha BLACK HUMONAS		
	30 Kg/ha MICROSEED BIO	Ugelli a 7 fori: 200 Kg/ha FERTILCEREAL 21 DCD		Ugelli a 7 fori: 200 Kg/ha FERTILCEREAL 21 DCD	3-5 L/ha NATURAL FORCE + INSECTICIDE 3-5 L/ha NF MICRO MIX + INSECTICIDE				
1-1,5 L/ha CLEANCLASTER + GLIFOSATE		1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDE							

SOY

INDUSTRIALS

		10	10-11	12-19	51-59	61-69	70-79	80-89	91-99
Pre-sowing	Sowing	Cotyledons open	Leaf development	Development of trifoliate leaves	Petals visible but encore bud closed	From beginning to end of flowering	Pod development	From start to full maturation	Discolored leaves Seed harvest
1200-2200 Kg/ha BIOFERT S	30-50 Kg/ha MICROSEED BIO	3-5 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700			3-5 L/ha NATURAL FORCE +3 L/ha BORON CARE	3-5 L/ha NATURAL FORCE			
	20-35 Kg/ha MICROSEED	15 L/ha GREEN LAST VEG + 5 L/ha NATURAL FORCE			1,5 L/ha CUPRON ULD + 5 L/ha NATURAL FORCE + INSECTICIDE				
	12-15 Kg/ha MICROSED GEO				3-5 L/ha NF MICRO CAM + 1 L/ha SUPERFLO ZN 700				
1-1,5 L/ha CLEANCLASTER + GLIFOSATE	300 Kg/ha FERTILCEREAL 21 DCD PRE EMERGENCY CULTURE		1-1,5 L/ha CLEANCLASTER + POST -EMERGENCY HERBICIDE						

SUGAR BEET

INDUSTRIALS





		10	12	14		
Pre-sowing	Sowing	Cotyledons extended	Two flat leaves	Gives four extended leaves to several extended leaves	Taproot development	Harvest
1200-2200 Kg/ha BIOFERT S	30-40 Kg/ha MICROSEED BIO	3-5 L/ha NATURAL FORCE	3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD + 1 L/ha SUPERFLO ZN 700	5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD + 1 L/ha SUPERFLO ZN 700		
	50-60 Kg/ha GRANFOS Zn SUPER					
	400 kg/ha FERTILCEREAL 21 DCD		4 Kg/ha MAS NK FER + 5 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700			
		2,5 Kg/ha VIGOR GREEN + 1,5 L/ha CUPRON ULD				
			1,5 L/ha CUPRON ULD			
	30 Kg/ha MICROSEED		3-5 L/ha NF MICRO MIX + 1 L/ha SUPERFLO ZN 700			
	12-15 Kg/ha MICROSED GEO					
1,5 L/ha CLEANCLASTER + GLIFOSATE			1-1,5 L/ha CLEANCLASTER+ POST-EMERGENCY HERBICIDES			

TOMATO

HORTICULTURAL






		13-29	51-59	61-69	71-79	81-89
Pre transplant	Transplant	Leaf development e lateral shoot formation	Emission of inflorescences	Flowering: from early inflorescence open up to 9 or more open inflorescences	Fruit development: from first bunch of berries up to 9 or more bunches	Beginning of maturation up to full maturation
1200-2200 Kg/ha BIOFERT S	35-50 Kg/ha MICROSEED BIO	3 L/ha NATURAL FORCE + 1 L/ha BORON CARE + 1 L/ha SUPERFLO ZN 700			4 Kg/ha CALCIO FOLIAR FERTILIZER WDG	3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD + 3 L/ha BLACK HUMONAS
		10 L/ha NATURAL FORCE + 10 Kg/ha BLACK HUMONAS				
	30 Kg/ha MICROSEED	3-5 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700		3 L/ha NITROCAL + 3-5 L/ha NF MICRO FE.ZN.B	4 Kg/ha MAS NK FER + 3-5 L/ha NF MICRO CAM	
	50-60 Kg/ha FOSFODRIP STARTER	100 Kg/ha N30 DCD			40 L/ha NITROCAL	80 Kg/ha POTASSIO TIOSOLFATO
1-1,5 L/ha CLEANCLASTER + GLIFOSATE	50-60 L/ha FOSFONITRIC ACID				50 - 80 Kg/ha RED-K	
	16-20 Kg/ha MICROSED GEO	1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDES				
		3,5 L/ha ACTICLASTER + 0,8 L/ha BRIONFLO 100 SC				

EGGPALNT

HORTICULTURAL






		13-29	51-59	61-69	71-79	81-89
Pre transplant	Transplant	Leaf development and lateral shoot formation	Emission of inflorescences	Flowering: from the first open inflorescence to 9 or more open inflorescences	Fruit development: from the first cluster of berries with 9 or more bunches	Beginning of maturation Until full maturation
1200-2200 Kg/ha BIOFERT S	35-50 Kg/ha MICROSEED BIO	3-5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD + 1 L/ha SUPERFLO ZN 700		2 L/ha BORON CARE + 3-5 L/ha NATURAL FORCE	3 L/ha BLACK HUMONAS + 1,5 L/ha CUPRON ULD	3-5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD
			1,5 L/ha CUPRON ULD		4 Kg/ha CALCIO FOLIER FERTILIZER WDG	
		40 L/ha NATURAL FORCE + 40 Kg/ha BLACK HUMONAS				
	30 Kg/ha MICROSEED		2 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO FE.ZN.B + 1 L/ha SUPERFLO ZN 700		1 Kg MAS NK FER + 3 L/ha NATURAL FORCE	2 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO CAM
	50-60 L/ha FOSFONITRIC ACID			40 L/ha NITROMAC 24		50-80 kg/ha RED-K
1-1,5 L/ha CLEANCLASTER + GLIFOSATE	16-20 Kg/ha MICROSED GEO	1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDES				

PEPPER

HORTICULTURAL






		13-29	51-59	61-69	71-79	81-89
Pre transplant	Transplant	Leaf development and lateral shoot formation	Emission of inflorescences	Flowering: from the first open inflorescence to 9 or more open inflorescences	Fruit development: from the first cluster of berries with 9 or more bunches	Beginning of maturation Until full maturation
1200-2200 Kg/ha BIOFERT S	35-50 Kg/ha MICROSEED BIO	3 - 5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD + 1 L/ha SUPERFLO ZN 700		2 L/ha BORON CARE + 3-5 L/ha NATURAL FORCE	3 L/ha BLACK HUMONAS + 1,5 L/ha CUPRON ULD	3 - 5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD
			1,5 L/ha CURPON ULD		4 Kg/ha CALCIO FOLIER FERTILIZER WDG	
		40 L/ha NATURAL FORCE + 40 Kg/ha BLACK HUMONAS				
	30 Kg/ha MICROSEED		2 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO FE.ZN.B + 1 L/ha SUPERFLO ZN 700		1 Kg MAS NK FER + 3 L/ha NATURAL FORCE	2 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO CAM
	50-60 L/ha FOSFONITRIC ACID			40 L/ha NITROMAC 24		50 - 80 kg/ha RED-K
1-1,5 L/ha CLEANCLASTER + GLIFOSATE	16-20 Kg/ha MICROSED GEO	1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDES				

POTATO

HORTICULTURAL




		09	10-39	40-49	92-99
Pre-sowing	Sowing	Emergency	The leaves begin to spread until 90% of the plants are meet between the lines	Tuber formation	Harvested product
1200-2200 Kg/ha BIOFERT S	35-50 Kg/ha MICROSEED BIO		3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD + 3 L/ha BLACK HUMONAS + 1 L/ha SUPERFLO ZN 700		
			1,5 L/ha CUPRON ULD	4 Kg/ha CALCIO FOLIER FERTILIZER WDG	
	30 Kg/ha MICROSEED	Rincalzatura: 200 Kg/ha FERTICEREAL 21 DCD	5 Kg/ha CALCIO FOLIER FERTILIZER WDG	2 Kg/ha POTASSIO TIOSOLFATO +3 L/ha NATURAL FORCE	
	50-60 Kg/ha GRANOFOS ZN SUPER			40 L/ha NITROMAC 24	
	12-15 Kg/ha MICROSED GEO	3-5 L/ha NF MICRO MIX + 1 L/ha SUPERFLO ZN 700		3-5 L/ha NATURAL FORCE + INSECTICIDE + 1 L/ha SUPERFLO ZN 700	3-5 L/ha NF MICRO CAM
1-1,5 L/ha CLEANCLASTER + GLIFOSATE			1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDES		
				0,8 L/ha BRIONFLO 100 SC	

CUCUMBER

HORTICULTURAL







		15-18	19	21-29	51-59	61-69	71-79	81-89
Pre transplant	Transplant	Leaf development: one to several true leaves on the main	Nine or more leaves on main stem unfurled	Shoot formation	Emission of inflorescences	Flowering: one or more open flowers on the	Fruit development on main stem	From early ripening to full ripening
1200-2200 Kg/ha BIOFERT S	35-50 Kg/ha MICROSEED BIO	5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD + 1 L/ha SUPERFLO ZN 700		2 L/ha BORON CARE + 3 L/ha NATURAL FORCE	3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD		5 L/ha NATURAL FORCE	
					4 Kg/ha CALCIO FOLIER FERTILIZER WDG			
					40 L/ha NATURAL FORCE			
		3 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO MIX + 1 L/ha SUPERFLO ZN 700			1 Kg/ha MAS NK FER + 5 Kg/ha CALCIO FOLIAR FERTILIZER WDG	3 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO Fe.Zn.B		
	30 Kg/ha MICROSEED	40 Kg/ha MAS NK FER			40 L/ha NITROMAC 24			50 Kg/ha RED-K
1-1,5 L/ha CLEANCLASTER + GLIFOSATE	16-20 Kg/ha MICROSED GEO	1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDE						

WATERMELON

HORTICULTURAL

		15-18	19	21-29	51-59	61-69	71-79	81-89
Pre Transplant	Transplant	Leaf development: one to several true leaves on the main	Nine or more leaves on main stem unfurled	Shoot formation	Emission of inflorescences	Flowering: one or more open flowers on the main stem	Fruit development on main stem	From early ripening to full ripening
1200-2200 Kg/ha BIOFERT S	35-50 Kg/ha MICROSEED BIO	5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD + 1 L/ha SUPERFLO ZN 700		2 L/ha BORON CARE + 3 L/ha NATURAL FORCE	3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD		5 L/ha NATURAL FORCE	
					3 Kg/ha CALCIO FOLIER FERTILIZER WDG			
		40 L/ha NATURAL FORCE						
		1 Kg/ha MAS NK FER	3 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO MIX + 1 L/ha SUPERFLO ZN 700		1 Kg/ha MAS NK FER + 5 Kg/ha CALCIO FOLIAR FERTILIZER WDG	3 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO Fe.Zn.B		
	30 Kg/ha MICROSEED	40 Kg/ha MAS NK FER			40 L/ha NITROMAC 24			50 Kg/ha RED-K
1-1,5 L/ha CLEANCLASTER + GLIFOSATE	16-20 Kg/ha MICROSED GEO	1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDE						

MELON

HORTICULTURAL

		15-18	19	21-29	51-59	61-69	71-79	81-89
Pre transplant	Transplant	Leaf development: one to several true leaves on the main	Nine or more leaves on main stem unfurled	Shoot formation	Emission of inflorescences	Flowering: one or more open flowers on the	Fruit development on main stem	From early ripening to full ripening
1200-2200 Kg/ha BIOFERT S	35-50 Kg/ha MICROSEED BIO	5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD + 1 L/ha SUPERFLO ZN 700		2 L/ha BORON CARE + 3 L/ha NATURAL FORCE	3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD		5 L/ha NATURAL FORCE	
			5-10 kg/ha CHELIFER 6 WDG		3 Kg/ha CALCIO FOLIER FERTILIZER WDG			
		40 L/ha NATURAL FORCE						
		1 Kg/ha MAS NK FER	3 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO MIX + 1 L/ha SUPERFLO ZN 700		1 Kg/ha MAS NK FER + 5 Kg/ha CALCIO FOLIAR FERTILIZER WDG	3 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO Fe.Zn.B		
	30 Kg/ha MICROSEED	40 Kg/ha MAS NK FER			40 L/ha NITROMAC 24			50 Kg/ha RED-K
1-1,5 L/ha CLEANCLASTER + GLIFOSATE	16-20 Kg/ha MICROSED GEO	1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDE						

PUMPKIN

HORTICULTURAL

		15-18	19	21-29	51-59	61-69	71-79	81-89
Pre Transplant	Transplant	Leaf development: one to several true leaves on the main	Nine or more leaves on main stem unfurled	Shoot formation	Emission of inflorescences	Flowering: one or more open flowers on the main stem	Fruit development on main stem	From early ripening to full ripening
1200-2200 Kg/ha BIOFERT S	35-50 Kg/ha MICROSEED BIO	5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD + 1 L/ha SUPERFLO ZN 700		2 L/ha BORON CARE + 3 L/ha NATURAL FORCE	3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD		5 L/ha NATURAL FORCE	
					3 Kg/ha CALCIO FOLIER FERTILIZER WDG			
		40 L/ha NATURAL FORCE						
		1 Kg/ha MAS NK FER	3 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO MIX + 1 L/ha SUPERFLO ZN 700		1 Kg/ha MAS NK FER + 5 Kg/ha CALCIO FOLIAR FERTILIZER WDG	3 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO Fe.Zn.B		
	30 Kg/ha MICROSEED	40 Kg/ha MAS NK FER			40 L/ha NITROMAC 24			50 Kg/ha RED-K
1-1,5 L/ha CLEANCLASTER + GLIFOSATE		1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDE						

PEA

HORTICULTURAL

		11-19	30-39	51-59	60-69	71-79	81-89
Pre-sowing	Sowing	Leaf development	Stem elongation with interior of extended	Inflorescence emission	Flowering	From pod development to fully formed peas	Ripening of the fruit to dry ripeness
1200-2200 Kg/ha BIOFERT S	35-50 Kg/ha MICROSEED BIO	5 L/ha NATURAL FORCE					
		1,5 L/ha CUPRON ULD + 1 L/ha SUPERFLO ZN 700		1 L/ha BORON CARE	1,5 L/ha CUPRON ULD + 3 L/ha NATURAL FORCE		
		5-10 kg/ha CHELIFER 6 WDG		1,5 L/ha CUPRON ULD			
	30 Kg/ha MICROSED GEO	40 Kg/ha MAS NK FER					
1-1,5 L/ha CLEANCLASTER + GLIFOSATE	16-20 Kg/ha MICROSED GEO	1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDE					

BEAN

HORTICULTURAL

		12	15-59	60-69	71-73	75-99
Pre-sowing	Sowing	First pair of true leaves	From fifth true leaf end to first visible petals	From beginning to end of flowering	Pod development	From pod filling to harvest
1200-2200 Kg/ha BIOFERT S	35-50 Kg/ha MICROSEED BIO	5 L/ha NATURAL FORCE				
		1,5 L/ha CUPRON ULD + 1 L/ha SUPERFLO ZN 700	1 L/ha BORON CARE + 1 L/ha SUPERFLO ZN 700	1,5 L/ha CUPRON ULD + 3 L/ha NATURAL FORCE		
		5-10 kg/ha CHELIFER 6 WDG	1,5 L/ha CUPRON ULD			
	30 Kg/ha MICROSED GEO	40 Kg/ha MAS NK FER				
1-1,5 L/ha CLEANCLASTER + GLIFOSATE	16-20 Kg/ha MICROSED GEO	1-1,5 L/ha CLEANCLASTER + POST-EMERGENCY HERBICIDE				

BASIL

HORTICULTURAL

0	1-10	11-39	40-49	50-59	70-75	76-90
Sowing / Transplant	Post Transplant	Vegetative development	Vegetative development	Emission of inflorescences	Flowering	Post-harvest
5 L/ha NATURAL FORCE	5 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700			5 L/ha NATURAL FORCE + 5 Kg/ha CALCIO FOLIAR FERTILIZER WDG + 1 L/ha BORON CARE		5 L/ha NATURAL FORCE
30 Kg/ha MICROSED GEO	50 Kg/ha NATURAL FORCE + 10 Kg/ha MICROPHYT PLUS					
5 L/ha NATURAL FORCE	5 L/ha NATURAL FORCE + 1 Kg/ha MAS NK FER + 1 L/ha SUPERFLO ZN 700			5 L/ha NATURAL FORCE + 5 Kg/ha CALCIO FOLIAR FERTILIZER WDG + 1 L/ha BORON CARE		5 L/ha NATURAL FORCE + 3 Kg/ha MAS NK FER
50 Kg/ha FOSFODRIP STARTER	10 Kg/ha N30 + 10 Kg/ha MAS NK FER		30 Kg/ha MICROPHYT PLUS + 20 Kg/ha NATURAL FORCE			50 Kg/ha NATURAL FORCE + 10 Kg/ha MAS NK FER

BRASSICACEE

HORTICULTURAL

0	1-10	11-29	30-49	50-69	70-79	80-90
Sowing / Transplant	Germination	Vegetative development	Rosette development and growth	Flowering	Corymb emission	Maturation
5 L/ha NATURAL FORCE	5 L/ha NATURAL FORCE + 2,5 Kg/ha MICROPHYT PLUS + 1 L/ha SUPERFLO ZN 700			5 L/ha NATURAL FORCE + 5 Kg/ha CALCIO FOLIAR FERTILIZER WDG 1 L/ha BORON CARE + 2,5 Kg/ha MICROPHYT PLUS		5 L/ha NATURAL FORCE + 2,5 Kg/ha MICROPHYT PLUS
40 Kg/ha MICROSED GEO	50 Kg/ha NATURAL FORCE + 10 Kg/ha MICROPHYT PLUS					
5 L/ha NATURAL FORCE	5 L/ha NATURAL FORCE + 1 Kg/ha MAS NK FER + 2,5 Kg/ha MICROPHYT PLUS + 1 L/ha SUPERFLO ZN 700			5 L/ha NATURAL FORCE + 5 Kg/ha CALCIO FOLIAR FERTILIZER WDG 1 L/ha BORON CARE + 2,5 Kg/ha MICROPHYT PLUS		5 L/ha NATURAL FORCE + 3 Kg/ha MAS NK FER + 2,5 Kg/ha MICROPHYT PLUS
50 Kg/ha FOSFODRIP STARTER	250 Kg/ha N30 + 10 Kg/ha MAS NK FER		30 Kg/ha MICROPHYT PLUS + 20 Kg/ha NATURAL FORCE			50 Kg/ha NATURAL FORCE + 10 Kg/ha MAS NK FER

APPLE TREE

FRUIT CROPS

0-3	10	31	54-57	60-65	67-69	71-77	81-87	89-91
From bud to wood to bud enlargement	From green leaf tips to fully expanded leaves	From budding to bud break	From mouse ears to red buttons	From early to full bloom	Petal fall	Fruit development	Maturation Harvest	Post harvest
3-5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD	3-5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD	3-5 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700		1 L/ha BORON CARE + 3 L/ha BLACK HUMONAS	3 L/ha NATURAL FORCE + 3 L/ha BLACK HUMONAS + 1,5 L/ha CUPRON ULD		3-5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD	5 L/ha NATURAL FORCE
1200 - 2200 Kg/ha BIOFERT S		5-10 Kg/ha CHELIFER 6 WDG			4 Kg/ha CALCIO FOLIAR FERTILIZER WDG			
			3-5 L/ha NF MICRO Fe.Zn.B			3-4 Kg/ha MAS NK FER		3-5 L/ha NITROMAC 24
	40 Kg/ha MAS NK FER				40 Kg/ha MAS NK FER			40 Kg/ha MAS NK FER
1-1,5 L/ha CLEANCLASTER + GLIFOSATE								

PEAR

0-3	10	31	54-57	60-65	67-69	71-77	81-87	89-91
From bud to wood to bud enlargement	From green leaf tips to fully expanded leaves	From budding to bud break	From mouse ears to red buttons	From early to full bloom	Petal fall	Fruit development	Maturation Harvest	Post harvest
3-5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD		3-5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD	3-5 L/ha NATURAL FORCE + 1 L/ha BORON CARE + 1 L/ha SUPERFLO ZN 700		3 L/ha NATURAL FORCE + 3 L/ha BLACK HUMONAS + 1 Kg/ha CUPRON ULD		3-5 L/ha NATURAL FORCE	
1200 - 2200 Kg/ha BIOFERT S			5-10 Kg/ha CHELIFER 6 WDG		4 Kg/ha CALCIO FOLIAR FERTILIZER WDG			
			3-5 L/ha NF MICRO Fe.Zn.B					4 Kg/ha MAS NK FER + 5 Kg/ha POTASSIO TIOSOLFATO
50 Kg/ha MAS NK FER					50 Kg/ha MAS NK FER			
1-1,5 L/ha CLEANCLASTER + UNDER CANOPY HERBICIDE								

APRICOT

0-9	10-19	31-39	51-55	56-59	60-69	71-77	81-87	
From bud to wood to bud enlargement	From green leaf tips to fully expanded leaves	From budding to bud break	From mouse ears to red buttons	From early to full bloom	Petal fall	Fruit development	Maturation Harvest	Post harvest
5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD		5 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700		1 L/ha BORON CARE + 2 L/ha BLACK HUMONAS	3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD		3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD	
1200 - 2200 Kg/ha BIOFERT S		5-10 Kg/ha CHELIFER 6 WDG			3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD			
	1 L/ha BORON CARE + 3 L/ha NATURAL FORCE + 3 - 5 L/ha NF MICRO Fe.Zn.B						3 Kg/ha RED-K	
	3 Kg/ha MAS NK FER + 3 - 5 L/ha NF MICRO MIX							2 Kg/ha MAS NK FER + 3 Kg/ha RED-K
50 Kg/ha MAS NK FER					7 L/ha NITROCAL		50 Kg/ha MAS NK FER	
1-1,5 L/ha CLEANCLASTER + UNDER CANOPY HERBICIDE								

CHERRY

0-9	10-19	31-39	51-55	56-59	60-69	71-77	81-87	
Gem to wood with green tips	Leaf development from slightly open green pearls to fully exposed first leaves	Sprout growth	From Gems Wholesale or Flower up to visible Flower buttons	From elongation of the petals to flowers with petals that they form an empty pool	From open flowers to the end of flowering	Egg growth. Stripping until the end of flowering	From beginning of of colouring ot moturotion harvest	Post production
3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD		3 Kg/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700		1 L/ha BORON CARE + 3 L/ha BLACK HUMONAS	3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD		3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD	
1200 - 2200 Kg/ha BIOFERT S		5-10 Kg/ha CHELIFER 6 WDG			4 Kg/ha CALCIO FOLIAR FERTILIZER WDG			
		2 Kg/ha MAS NK FER + 3-5 L/ha NF MICRO FE.ZN.B + 1 L/ha SUPERFLO ZN 700						
	2 Kg/ha VIGOR GREEN + 3 - 5 L/ha NF MICRO MIX				5 L/ha NATURAL FORCE			2 Kg/ha MAS NK FER + 3 Kg/ha RED-K
1-1,5 L/ha CLEANCLASTER + GLIFOSATE	40 Kg/ha MAS NK FER	40 Kg/ha MAS NK FER			100 Kg/ha RED-K			3 - 5 L/ha NITROMAC 24

PEACH

0-9	10-19	31-39	51-55	56-59	60-69	71-77	81-87	
Gem to wood with green tips	Leaf development from slightly open green pearls to fully exposed first leaves	Sprout growth	From Gems Wholesale or Flower up to visible Flower buttons	From elongation of the petals to flowers with petals that they form an empty pool	From open flowers to the end of flowering	Egg growth. Stripping until the end of flowering	From beginning of of colouring ot moturotion harvest	Post production
3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD		3-5 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700		1 L/ha BORON CARE + 2 L/ha BLACK HUMONAS	3-5 L/ha NATURAL FORCE + 4 Kg/ha CALCIO FOLIAR FERTILIZER WDG		3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD	
1200 - 2200 Kg/ha BIOFERT S					3 L/ha BLACK HUMONAS + 1,5 L/ha CUPRON ULD		4 Kg/ha CALCIO FOLIAR FERTILIZER WDG	
	3 L/ha MAS NK FER + 3-5 L/ha NF MICRO FE.ZN.B + 1 L/ha SUPERFLO ZN 700			3-5 L/ha NITROMAC 24	1 L/ha BORON CARE + 3-5 L/ha NATURAL FORCE		3 Kg/ha MAS NK FER	2 Kg/ha MAS NK FER + 3 Kg/ha RED-K
	2 Kg/ha VIGOR GREEN + 3-5 L/ha NF MICRO MIX							
1-1,5 L/ha CLEANCLASTER + UNDER CANOPY HERBICIDE	50 Kg/ha MAS NK FER				50 Kg/ha RED-K + 10 L/ha NITROCAL			5 L/ha NITROMAC 24

OLIVE

0-19	31-37	50-54	55-59	60-65	67-69	71-79	81-85	89	92
Vegetative recovery. Budding	Sprout growth	Inflorescence formation	Fingering	Flowering	Petal fall. End of flowering	Fruit with 90% of final size	Veraison	Maturation	Olive fall

5-10 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE			1 L/ha BORON CARE + 5-10 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700			5-10 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE	3-5 L/ha NATURAL FORCE		
1200 - 2200 Kg/ha BIOFERT S						4 Kg/ha CALCIO FOLIAR FERTILIZER WDG	5-10 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE + INSETTICIDA		
5-10 kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE			1 L/ha BORON CARE + 5-10 Kg/ha MICROPHYT PLUS + 1 L/ha SUPERFLO ZN 700			4 Kg/ha CALCIO FOLIAR FERTILIZER WDG	5-10 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE + INSETTICIDA		
1-1,5 L/ha CLEANCLASTER + GLIFOSATE							1-1,5 L/ha CLEANCLASTER + GLIFOSATE		

GRAPEVINE

0	09	11-19	57	61-68	71	73-75	77	81-85	89
Winter bud	Green tipped hatched buds	Leaf development: from first unfolded leaf to nine or more unfolded leaves	Separate floral buttons	Flowering	Fruit setting	Berry development (small pea stage)	Cluster closure	From early veraison to full veraison	Full maturation. Grapes ready for harvest

3-5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD			3-5 L/ha NATURAL FORCE + 1 L/ha BORON CARE + 1 L/ha SUPERFLO ZN 700		3-5 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD		5 Kg/ha CALCIO FOLIAR FERTILIZER WDG		
1200 - 2200 Kg/ha BIOFERT S		5 - 10 Kg/ha CHELIFER 6 WDG							
2 Kg/ha VIGOR GREEN + 1,5 L/ha CUPRON ULD			2 Kg/ha VIGOR GREEN + 1 L/ha BORON CARE + 1 L/ha SUPERFLO ZN 700		3 L/ha BLACK HUMONAS	3-5 L/ha NF MICRO CAM			2 Kg/ha MAS NK FER
			3-5 L/ha NF MICRO FE.ZN.B + 1 L/ha SUPERFLO ZN 700			5 Kg/ha CALCIO FOLIAR FERTILIZER WDG			
	50 Kg/ha MAS NK FER		20 Kg/ha MAS NK FER				50 Kg/ha RED-K		
1 L/ha BRIONFLO 100 SC						1 L/ha BRIONFLO 100 SC			
1-1,5 L/ha CLEANCLASTER + UNDER CANOPY HERBICIDE									

NUTS

Bud development	Leaf development	Fruit development	Fruit ripening	Leaf fall
1 l/ha BORON CARE + 2-2,5 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE	2-2,5 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700	2-2,5 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE	3-5 l/ha NATURAL FORCE	
1200 - 2200 Kg/ha BIOFERT S	100 Kg/ha BIOFERT S			
	600 - 800 Kg/ha CS NPK 10.5.5 + 2 MgO			
1 L/ha BORON CARE + 2-2,5 Kg/ha MICROPHYT PLUS	2-2,5 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700	INSETTICIDA + 2-2,5 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE		
3-5 L/ha NF MICRO Fe.Zn.B	3-5 L/ha NF MICRO CAM			
	1-1,5 l/ha CLEANCLASTER + GLIFOSATE			1-1,5 l/ha CLEANCLASTER + GLIFOSATE

CHESTNUT

00 03 07	10 11	51	61 65 67 69	71 79	81 89
Bud development	Leaf development	Emergence of the inflorescences	Flowering	Fruit development	Ripening of fruits and seeds
2-2,5 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700		1 L/ha BORON CARE + 2-2,5 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE		2-2,5 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE	3-5 l/ha NATURAL FORCE
1200 - 2200 Kg/ha BIOFERT S	100 Kg/ha BIOFERT S				
	600-800 Kg/ha CS NPK 10.5.5 + 2 MgO				
2-2,5 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE		1 L/ha BORON CARE + 2-2,5 Kg/ha MICROPHYT PLUS		INSETTICIDA + 2-2,5 Kg/ha MICROPHYT PLUS + 3 L/ha NATURAL FORCE	
	3-5 L/ha NF MICRO CAM				
1-1,5 l/ha CLEANCLASTER + GLIFOSATE					1-1,5 l/ha CLEANCLASTER + GLIFOSATE

KIWI

0	1-18	19-39	40-60	61-69	70-73	74-80	81-85	86-89	90-97
Vegetative rest	Vegetative recovery First leaves	First leaves developed	Swelling buds florali. Opening first flowers	Flowering	Small fruits	Fruit enlargement	14 - 21 dd pre harvest	Harvest	After harvest: Reserved

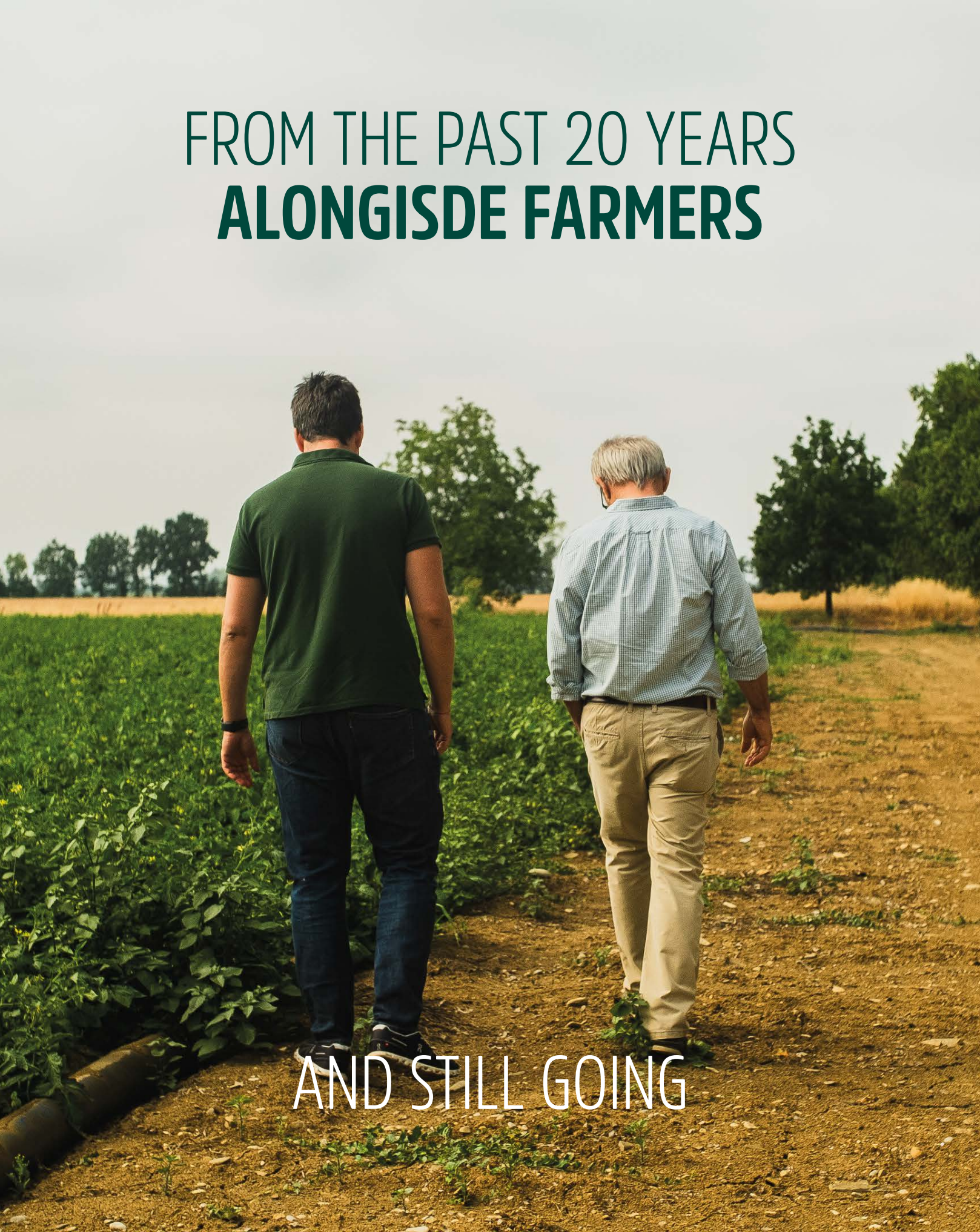
	3 L/ha NATURAL FORCE + 1 L/ha BORON CARE + 1 L/ha SUPERFLO ZN 700		1 L/ha BORON CAR	3 L/ha NATURAL FORCE + 1,5 L/ha BLACK HUMONAS	3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD				
1200 - 2200 Kg/ha BIOFERT S				5 Kg/ha CALCIO FOLIAR FERTILIZER WDG					
	50 Kg/ha MAS NK FER		100-150 Kg/ha N30 DCD		100 Kg/ha NITROCAL		50-100 Kg/ha RED-K		50 Kg/ha MAS NK FER
			5 L/ha NATURAL FORCE + 1 L/ha BORON CARE + 1 L/ha SUPERFLO ZN 700	3 L/ha NATURAL FORCE + 1,5 L/ha BLACK HUMONAS	3 L/ha NATURAL FORCE + 1,5 L/ha CUPRON ULD		5 L/ha NATURAL FORCE + 3 Kg/ha RED-K		
		3-5 L/ha NF MICRO MIX			5 Kg/ha CALCIO FOLIAR FERTILIZER WDG + 3-5 L/ha NF MICRO CAM				

STRAWBERRY & SMALL FRUITS

1-18	12-39	40-60	70-73	74-80	81-85	90-97
Planting / Transplanting stolons	Vegetative development	Flowering	Fruit setting	Fruit enlargement	Growing	Maturation

5 L/ha NATURAL FORCE + 1 L/ha SUPERFLO ZN 700		5 L/ha NATURAL FORCE + 1 L/ha BORON CARE		5 L/ha NATURAL FORCE + 5 Kg/ha CALCIO FOLIAR FERTILIZER WDG		
40 Kg/ha MICROSEED BIO	50 Kg/ha NATURAL FORCE + 10 Kg/ha MICROPHYT PLUS					
5 L/ha NATURAL FORCE	5 L/ha NATURAL FORCE + 3 Kg/ha MAS NK FER + 1 L/ha SUPERFLO ZN 700	5 L/ha NATURAL FORCE + 1 L/ha BORON CARE		5 L/ha NATURAL FORCE + 4 Kg CALCIO FOLIAR FERTILIZER WDG	5 L/ha NATURAL FORCE + 3 Kg/ha RED-K + 3 Kg/ha MAS NK FER	
		3-5 L/ha NF MICRO Fe.Zn.B		3-5 L/ha NF MICRO CAM		
50 Kg/ha FOSFODRIP STARTER	300 Kg/ha N30 DCD + 30 Kg/ha MAS NK FER		30 Kg/ha MICROPHYT PLUS + 50 Kg/ha NITROCAL		50 Kg/ha RED-K + 30 Kg/ha MAS NK FER	

FROM THE PAST 20 YEARS
ALONGISDE FARMERS



AND STILL GOING

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